

# SITE CONSTRUCTION PLANS FOR

**MR. JORGE PEREZ, GENERAL MANAGER  
ALPE PROPERTIES, LLC  
11640 BOGGY CREEK ROAD  
ORLANDO, FL 32824**

**PARCEL ID# F02-041**

## LOCATION MAP

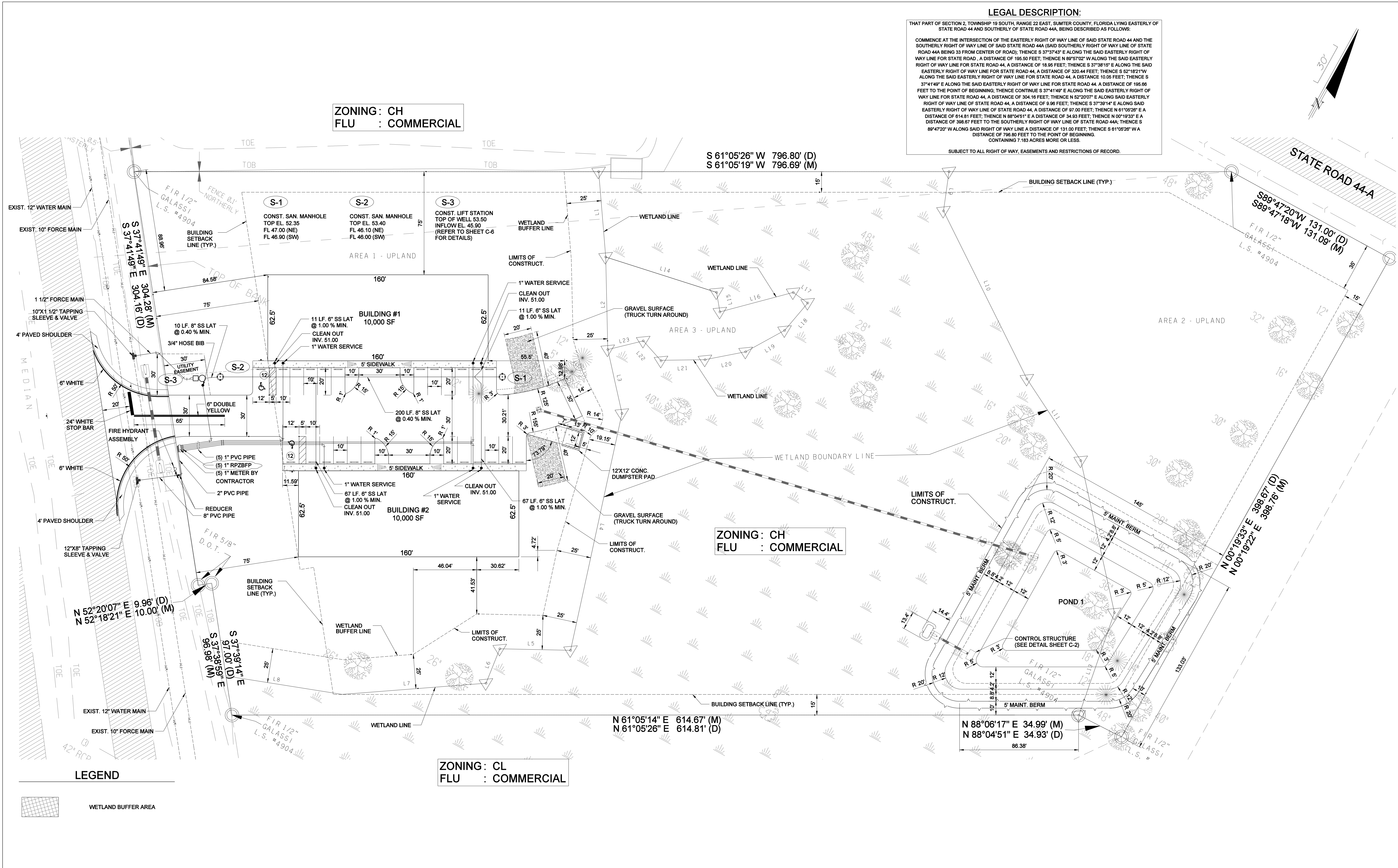
C-0	COVER SHEET
C-1	GEOMETRY AND UTILITY PLAN
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**C-O**

DATE \_\_\_\_\_

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**LEGAL DESCRIPTION:**  
THAT PART OF SECTION 2, TOWNSHIP 19 SOUTH, RANGE 22 EAST, SUMTER COUNTY, FLORIDA LYING EASTERLY OF STATE ROAD 44 AND SOUTHERLY OF STATE ROAD 44A, BEING DESCRIBED AS FOLLOWS:  
COMMENCE AT THE INTERSECTION OF THE EASTERLY RIGHT OF WAY LINE OF SAID STATE ROAD 44 AND THE SOUTHERLY RIGHT OF WAY LINE OF SAID STATE ROAD 44A (SAID SOUTHERLY RIGHT OF WAY LINE OF STATE ROAD 44A BEING 33 FEET FROM CENTER OF ROAD); THENCE S 37°57'43" E ALONG THE SAID EASTERLY RIGHT OF WAY LINE FOR STATE ROAD 44, A DISTANCE OF 195.50 FEET; THENCE N 89°57'02" W ALONG THE SAID EASTERLY RIGHT OF WAY LINE FOR STATE ROAD 44, A DISTANCE OF 18.96 FEET; THENCE S 37°38'16" E ALONG THE SAID EASTERLY RIGHT OF WAY LINE FOR STATE ROAD 44, A DISTANCE OF 320.44 FEET; THENCE S 52°19'21" W ALONG THE SAID EASTERLY RIGHT OF WAY LINE FOR STATE ROAD 44, A DISTANCE 10.05 FEET; THENCE S 37°41'49" E ALONG THE SAID EASTERLY RIGHT OF WAY LINE FOR STATE ROAD 44, A DISTANCE OF 195.66 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE S 37°41'49" E ALONG THE SAID EASTERLY RIGHT OF WAY LINE FOR STATE ROAD 44, A DISTANCE OF 304.16 FEET; THENCE N 52°20'07" E ALONG SAID EASTERLY RIGHT OF WAY LINE OF STATE ROAD 44, A DISTANCE OF 9.96 FEET; THENCE S 37°39'14" E ALONG SAID EASTERLY RIGHT OF WAY LINE OF STATE ROAD 44, A DISTANCE OF 97.00 FEET; THENCE N 61°05'28" E A DISTANCE OF 614.81 FEET; THENCE N 88°04'51" E A DISTANCE OF 34.93 FEET; THENCE N 00°19'33" E A DISTANCE OF 398.67 FEET TO THE SOUTHERLY RIGHT OF WAY LINE OF STATE ROAD 44A; THENCE S 89°47'20" W ALONG SAID RIGHT OF WAY LINE A DISTANCE OF 131.00 FEET; THENCE S 61°05'28" W A DISTANCE OF 796.80 FEET TO THE POINT OF BEGINNING.  
CONTAINING 7.183 ACRES MORE OR LESS.  
SUBJECT TO ALL RIGHT OF WAY, EASEMENTS AND RESTRICTIONS OF RECORD.

REVISIONS			
NO.	DATE	COMMENT	APPROVED BY
1	06-10-09	RE-DESIGN OF RETENTION POND	K.J.L.
2	07-01-09	UTILITY REVISIONS	K.J.L.
3	12-01-09	DESIGN REVISIONS	K.J.L.

LAND DEVELOPMENT  
HIGHWAY DESIGN  
DRAINAGE DESIGN  
CONSTRUCTION ADMINISTRATION  
ENVIRONMENTAL PERMITTING

4767 NEW BROAD ST.  
ORLANDO, FLORIDA 32814  
PHONE AND FAX 407-245-7383  
I.E.C. CERTIFICATE OF AUTHORIZATION # 7494

PREPARED FOR:  
**Mr. Jorge Perez, General Manager**  
**ALPE Propethes, LLC**  
11640 Boggy Creek Road  
Orlando, FL 32824

**WILDWOOD WAREHOUSE COMPLEX**  
**GEOMETRY AND UTILITY PLAN - PHASE I**  
**SUMTER COUNTY**  
**FLORIDA**

NOT VALID FOR CONSTRUCTION UNLESS SIGNED AND SEALED IN THIS BLOCK

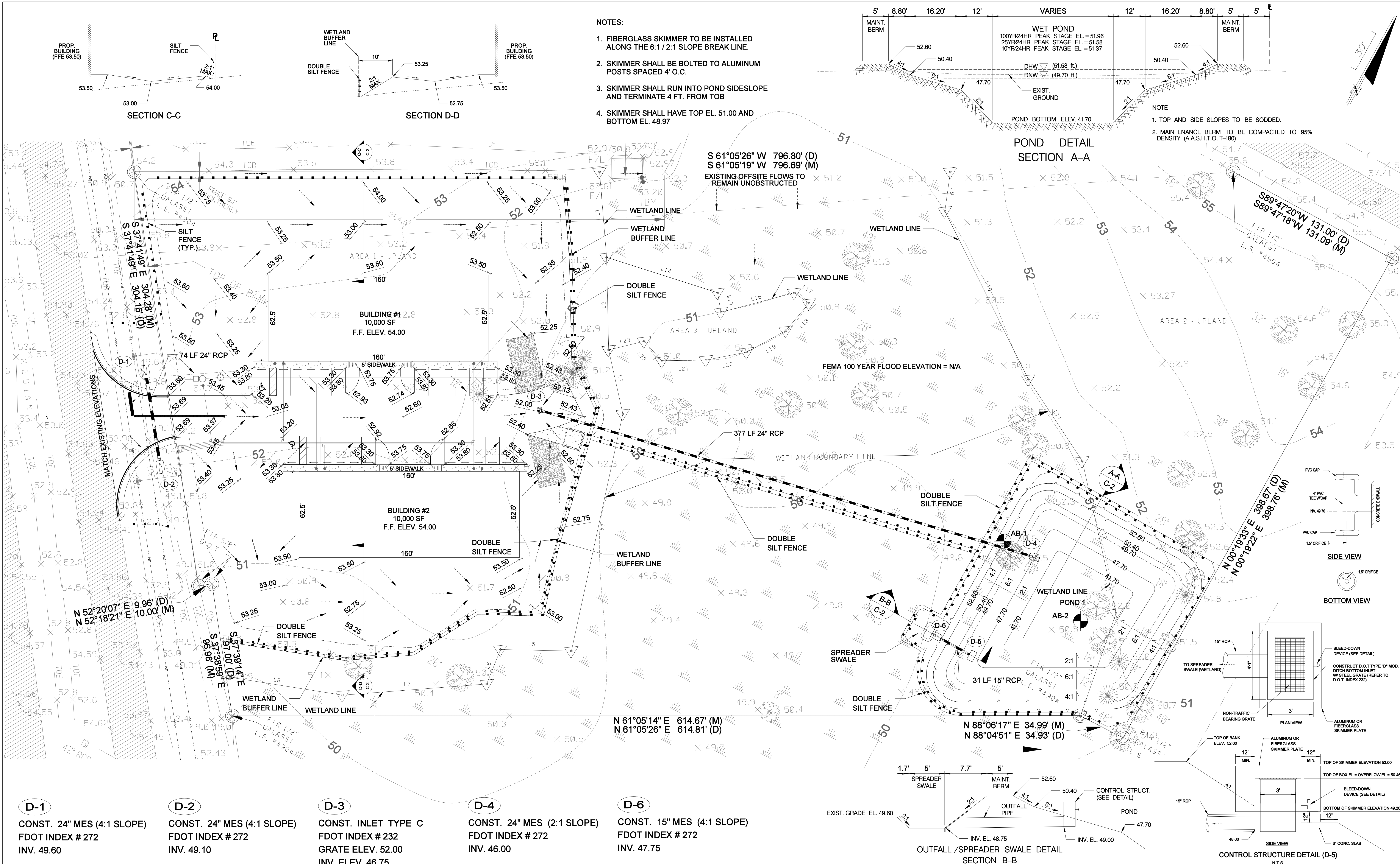
APPROVED BY  
KENNETH J. LEEMING P.E. # 45294

DATE

JOB NUMBER: 2006122  
DATE: 12-16-08  
DESIGNED: V.D.L.  
DRAWN: I.E.C.  
CHECKED: K.J.L.

**C-1**





REVISIONS			
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1	06-10-09	RE-DESIGN OF RETENTION POND	K.J.L.
2	12-01-09	DESIGN REVISIONS	K.J.L.

**INTERNATIONAL  
ENGINEERING  
CONSULTANTS, INC.**

• LAND DEVELOPMENT  
• HIGHWAY DESIGN  
• DRAINAGE DESIGN  
• CONSTRUCTION ADMINISTRATION  
• ENVIRONMENTAL PERMITTING

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WILDWOOD WAREHOUSE COMPLEX

PAVING, GRADING, AND DRAINAGE PLAN - PHASE I

SUMTER COUNTY

FLORIDA

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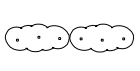

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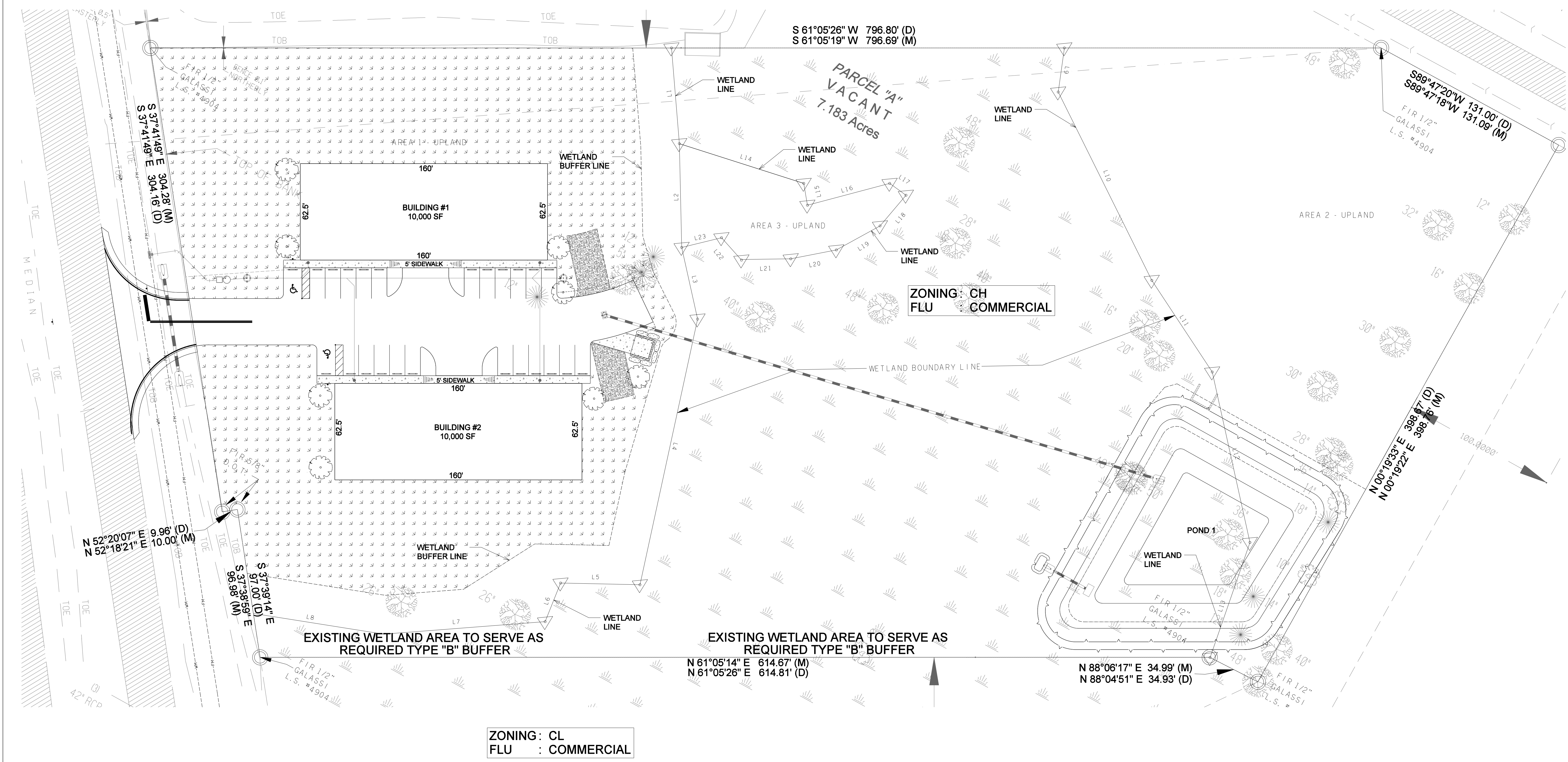
**C-2**



SYMBOL	NAME	SPECIFICATION	QUANTITY
	CREPE MYRTLE "TUSCARORA" (LAGERSTROEMIA INDICA)	8' HT. / 2" CAL. / 5'-6' SPRD.	8
	SWEET VIBURNUM (VIBURNUM ODORATISSIMUM)	36" HT. / 30" O.C. / 7 GAL.	21 (APPROX)
	GRASS COVER (ARGENTIA BAHIA)	TO PROVIDE COMPLETE GROUND COVER	65,050 S.F. (APPROX)

- NOTES
- ALL PLANTS TO BE FLORIDA No.1 OR BETTER.
  - ALL TREES TO BE STAKED FOLLOWING ACCEPTED GUYING METHODS.
  - SOD TO BE ARGENTINE BAHIA.
  - ALL LANDSCAPE AREAS TO BE SODDED.
  - MULCH ALL BEDS AND TREE PITTS WITH 3" DEEP MINI PINE BARK CHIPS

ZONING: CH  
FLU : COMMERCIAL



ZONING: CH  
FLU : COMMERCIAL

ZONING: CL  
FLU : COMMERCIAL

REVISIONS			
NO.	DATE	COMMENT	APPROVED BY
1	12-01-09	DESIGN REVISIONS	K.J.L.



INTERNATIONAL  
ENGINEERING  
CONSULTANTS, INC.

- LAND DEVELOPMENT
- HIGHWAY DESIGN
- DRAINAGE DESIGN
- CONSTRUCTION ADMINISTRATION
- ENVIRONMENTAL PERMITTING

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I.E.C. CERTIFICATE OF AUTHORIZATION # 7494

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**ALPE Propethes, LLC**  
11640 Boggy Creek Road  
Orlando, FL 32824

# WILDWOOD WAREHOUSE COMPLEX

## LANDSCAPING PLAN - PHASE I

### SUMTER COUNTY FLORIDA

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SIGNED AND SEALED IN THIS BLOCK

APPROVED BY  
KENNETH J. LEEMING P.E. # 45294

DATE

JOB NUMBER: 2006122  
DATE: 12-16-08  
DESIGNED: V.D.L.  
DRAWN: I.E.C.  
CHECKED: K.J.L.

**C-3**

PROJECT NOTES

1. DEVELOPER: MR. JORGE PEREZ, GENERAL MANAGER  
ALPE PROPETHES, LLC  
11640 BOGGY CREEK ROAD  
ORLANDO, FL 32824

ENGINEER: INTERNATIONAL ENGINEERING CONSULTANTS, INC.  
4767 NEW BROAD ST.  
ORLANDO, FLORIDA 32814  
PHONE AND FAX 407-245-7383

SURVEYOR: BILL R. BROWN P.L.S.  
LAND SURVEYING  
38351 HWY. 54 E.  
ZEPHYRHILLS, FLORIDA 33542  
PHONE (813) 788-6822 788-3077  
(352) 793-7400
2. PROPERTY AREA: 7.183 AC.

3. EXISTING LAND USE: VACANT

4. FUTURE LAND USE: COMMERCIAL

5. EXISTING SITE ZONING: CH
6. EXISTING ADJACENT ZONING: NORTH: CH  
EAST: R/W  
WEST: R/W  
SOUTH: CL

7. EXISTING VEGETATION: THE SITE IS CLEARED WITH A FEW MEDIUM AND LARGE TREES REMAINING.

8. UTILITIES: WATER - CITY OF WILDWOOD  
SEWER - CITY OF WILDWOOD

9. SITE ADDRESS: TO BE APPLIED FOR

10. PROPOSED MAXIMUM BUILDING HEIGHT = 35'

11. PROPOSED USE FOR BUILDINGS: WAREHOUSE

12. PARCEL ID# F02=041

13. PROPOSED PHASES: ONE PHASE
14. PARKING CALCULATIONS:  
PARKING REQUIRED:  
OFFICE  
250.00 SF X 2 (BLDG) = 500.00 SF ONE PARKING SPACE PER 250 SF  
= 2 PARKING SPACES  
WAREHOUSE  
9,750.00 SF X 2 (BLDG) = 19,500.00 SF ONE PARKING SPACE PER 1000.00 SF  
= 19.5 PARKING SPACES  
= 21.5 = 22 PARKING SPACES REQUIRED  
PARKING PROVIDED: =24 PARKING SPACES PROVIDED INC. 2 HC

15. OPEN SPACE CALCULATIONS

Conditions	Acreage	Acreage %	CN	~CN
Prop. Building	0.459	15.61%	98.000	15.30
Prop. Pavement/Sidewalks	0.509	17.31%	98.000	16.96
Gravel areas	0.000	0.00%	91.000	0.00
Pond (water)	0.308	10.47%	98.000	10.26
Pond (grass)	0.205	6.97%	89.000	6.20
Green areas	1.460	49.64%	89.000	44.18
	2.941	100%		92.90

IMPERVIOUS 0.968 32.91%  
PERVIOUS 1.973 67.09%  
\* For treatment purposes

EROSION CONTROL NOTES

1. ALL EROSION AND SEDIMENT CONTROL WORK SHALL CONFORM TO STANDARDS OF SUMTER COUNTY, FLORIDA AND THE SOUTH WEST FLORIDA WATER MANAGEMENT DISTRICT.

2. EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO, OR AS THE FIRST STEP IN, CONSTRUCTION. SEDIMENT CONTROL PRACTICES WILL BE APPLIED AS A PERIMETER DEFENSE AGAINST ANY TRANSPORTATION OF SILT OFF THE SITE.

3. SUCH MATERIALS, FROM WORK ON THIS PROJECT SHALL BE CONTAINED, AND NOT ALLOWED TO COLLECT ON ANY OFF-PERIMETER AREAS OR IN WATERWAYS. THESE INCLUDE BOTH NATURAL AND MAN-MADE OPEN DITCHES, STREAMS, STORM DRAINS, LAKES AND PONDS.

4. DAILY INSPECTIONS SHALL BE MADE BY THE CONTRACTOR TO DETERMINE THE EFFECTIVENESS OF THESE EFFORTS. ANY NECESSARY REMEDIES SHALL BE PERFORMED WITHOUT DELAY.
5. ALL MUD, DIRT OR OTHER MATERIALS TRACKED OR SPILLED ONTO EXISTING STATE-COUNTY-CITY OR PRIVATE ROADS AND FACILITIES FROM THIS SITE, DUE TO CONSTRUCTION, SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR/BUILDER.

6. PERMANENT SOIL EROSION CONTROL MEASURES FOR ALL SLOPES, CHANNELS, DITCHES OR ANY DISTURBED LAND AREAS SHALL BE COMPLETED WITHIN 15 CALENDAR DAYS AFTER FINAL GRADING. WHEN IT IS NOT POSSIBLE TO PERMANENTLY PROTECT A DISTURBED AREA IMMEDIATELY AFTER GRADING OPERATIONS, TEMPORARY EROSION CONTROL MEASURES SHALL BE INSTALLED. ALL TEMPORARY PROTECTION SHALL BE MAINTAINED UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED. A CERTIFICATE OF COMPLIANCE WILL NOT BE ISSUED UNTIL THE ABOVE REQUIREMENTS HAVE BEEN MET.

7. EROSION CONTROL PLANS TO BE SUBMITTED TO SUMTER COUNTY.

GENERAL NOTES

1. ALL CONSTRUCTION SHALL CONFORM TO SUMTER COUNTY STANDARDS UNLESS STATED OTHERWISE IN THE SPECIFICATIONS.

2. TOP AND SIDE SLOPES TO BE SODDED

3. ALL EARTHWORK OPERATIONS SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS.

4. THE CONTRACTOR SHALL REFERENCE AND RESTORE PROPERTY CORNERS AND LAND MARKERS DISTURBED DURING CONSTRUCTION, (UNDER THE DIRECTION OF A FLORIDA REGISTERED LAND SURVEYOR).

5. THE LOCATION OF ALL EXISTING UTILITIES SHOWN ON THE PLAN HAVE BEEN FIELD VERIFIED BY A PROFESSIONAL SURVEYOR AND THEY ARE CORRECT TO THE BEST OF OUR KNOWLEDGE. A COPY OF THE SIGNED AND SEALED SURVEY CAN BE PROVIDED TO THE GENERAL CONTRACTOR AT REQUEST. PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY, IT SHOULD BE THE CONTRACTORS RESPONSABILITY TO CONFIRM THE LOCATION OF THE EXISTING UTILITIES AND TO MAKE THE NECESSARY ARRANGEMENTS FOR THEIR RELOCATION. THE CONTRACTOR SHOULD EXERCISE CAUTION WHEN CROSSING ANY UNDERGROUND UTILITY TO ENSURE THE INTEGRITY OF THE SYSTEM.

6. ALL PROPERTY AFFECTED BY THIS WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN EXISTED UNLESS SPECIFICALLY EXEMPTED BY THE PLANS. THE COST FOR SUCH RESTORATION SHALL BE INCIDENTAL TO OTHER CONSTRUCTION AND NO EXTRA COMPENSATION WILL BE ALLOWED.

7. WHEN TRENCH EXCAVATION EXCEEDS 5' DEPTH:  
A) CONTRACTOR SHALL CONFORM TO OSHA STD. 29CFR. SECTION 1926.650 WHICH IS INCORPORATED IN FL. STATE 90-96.  
B) THE CONTRACTOR SHALL PROVIDE WRITTEN ASSURANCE OF COMPLIANCE WITH THIS LAW.  
C) TRENCH SAFETY SYSTEM SHALL BE BY THE CONTRACTOR.

8. FOR LIMITS AND SPECIFICATIONS OF SODDING. REFER TO LANDSCAPE PLANS & SPECIFICATIONS.

9. THE CONTRACTOR SHALL ENSURE THAT ALL PERMITS FOR CONSTRUCTION ARE OBTAINED PRIOR TO STARTING WORK.

10. THE CONTRACTOR SHALL COORDINATE BETWEEN MECHANICAL, ELECTRICAL, IRRIGATION, FIRE SYSTEMS, CIVIL, ETC... IF ANY DISCREPANCIES ARE FOUND, THE CONTRACTOR IS TO NOTIFY THE ARCHITECT AND ENGINEER IN WRITING IMMEDIATELY.

11. THE CONTRACTOR SHALL ENSURE THAT ALL DEMOLITION OF EXISTING STRUCTURES (IE. CONC. SLAB, ETC.) MEETS SUMTER COUNTY STANDARDS AND REGULATIONS, AND IS ACCOUNTED IN THE SITE CONSTRUCTION CONTRACT.

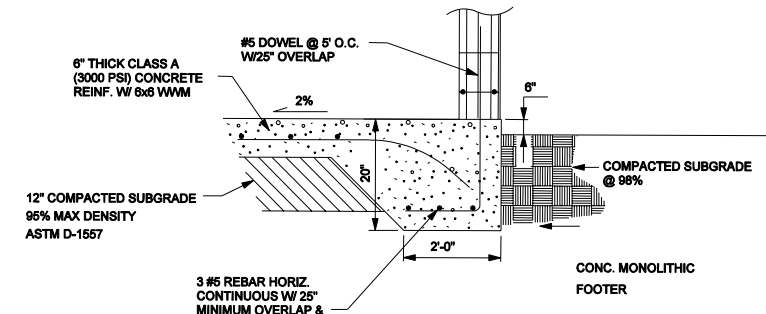
12. APPROVED ADDRESS NUMBER SHALL BE POSTED ON BUILDING, VISIBLE FROM THE ROAD, IN COLORS THAT ARE OF SUFFICIENT CONTRAST TO BE EASILY SEEN. THIS MUST BE DONE PRIOR TO CALLING FOR A FINAL LANDSCAPE INSPECTION, AS IT WILL BE CHECKED AT THE SAME TIME.

13. ALL SIGNAGE MUST COMPLY WITH CHAPTER 31.5, ORDINANCE 90-10 AND IS NOT INCLUDED IN THIS PERMIT

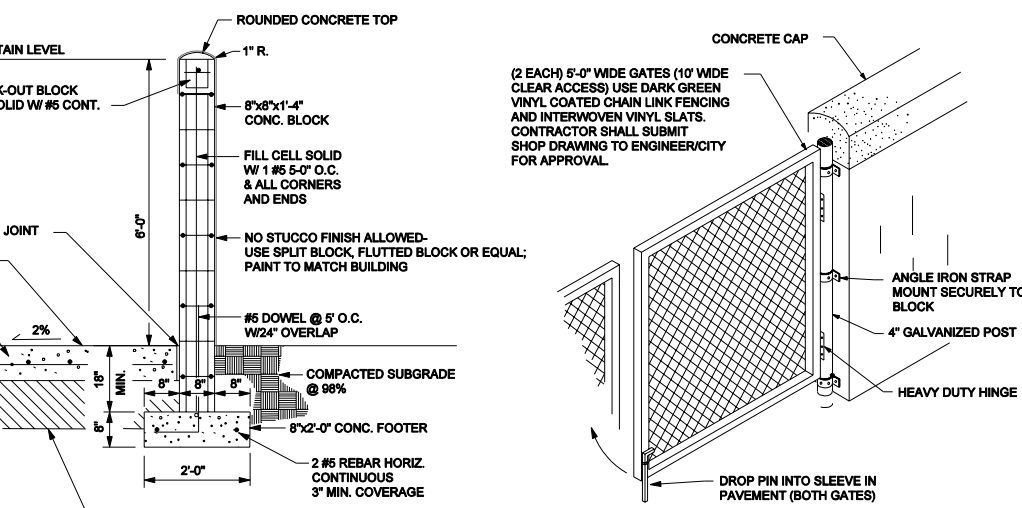
14. INGRESS AND EGRESS TO SITE DURING CONSTRUCTION IS ALLOWED ONLY THROUGH APPROVED SITE DRIVEWAYS

15. PRIOR TO CERTIFICATE OF COMPLETION A SIDEWALK SHALL BE INSTALLED. THE COUNTY MAY ACCEPT A CONTRIBUTION TO THE SIDEWALK FUND IN LIEU OF CONSTRUCTION IF THE COUNTY DECIDES THE SIDEWALK IS NOT REQUIRED AT THE TIME OF CONSTRUCTION.

NOTE: THIS STRUCTURE IS DESIGNED TO MEET THE 110 MPH WIND LOAD AND FL. BLDG CODE 2001 PER CHAP. 16



ALTERNATE FOOTING DETAIL (DUMPSTER ENCLOSURE)

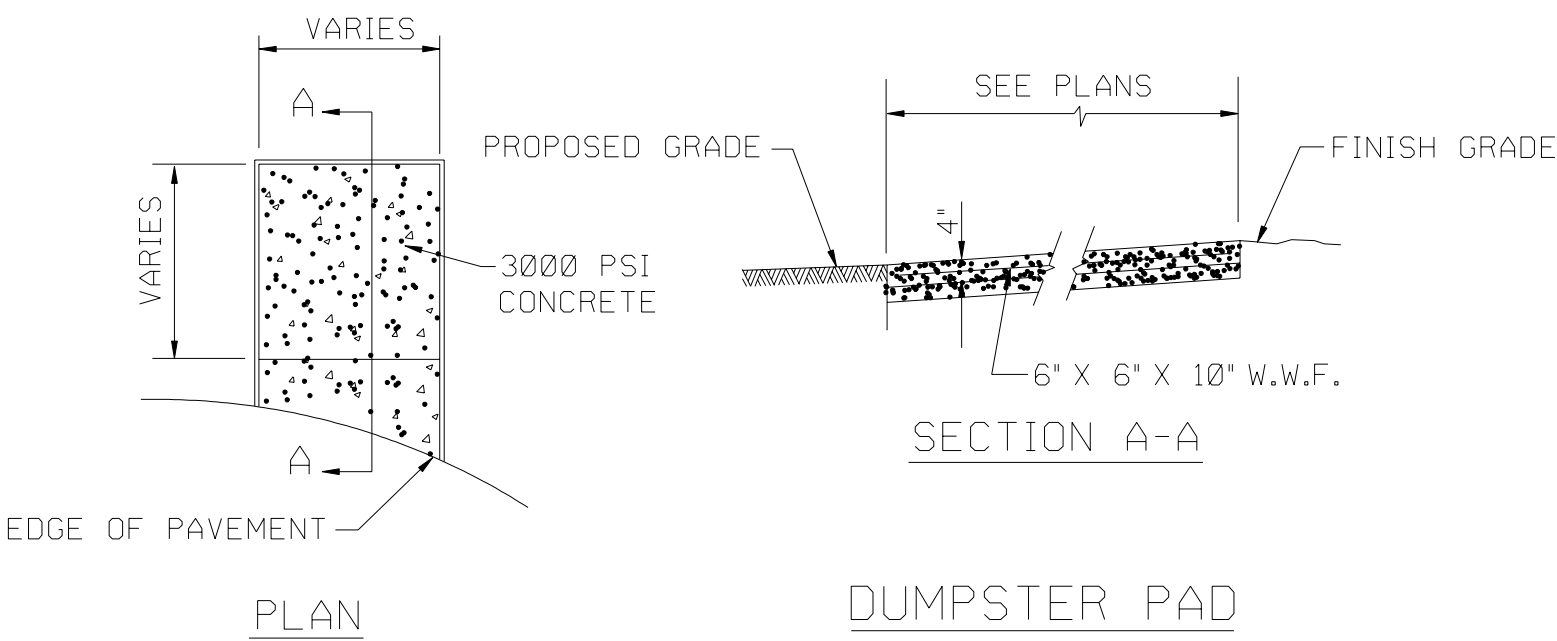


DUMPSTER SCREEN WALL

DUMPSTER GATE

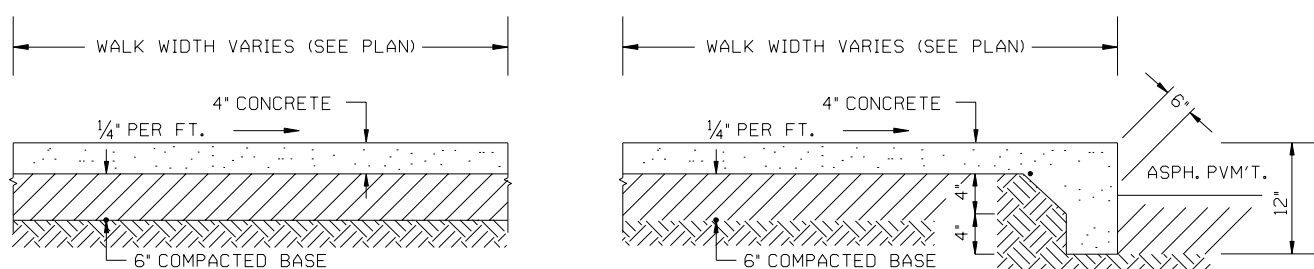
DUMPSTER SCREENING DETAILS

N.T.S.



DUMPSTER PAD

N.T.S.



RAISED EDGE CONCRETE WALK

NOTES:

ALL CONCRETE SIDEWALKS SHALL HAVE A FULL 1/2" EXPANSION JOINT AT A MAXIMUM DISTANCE OF 25 LINEAR FEET AND A SAW CUT OR FORMED DUMMY JOINT AT EVENLY SPACED INTERVALS NOT TO EXCEED 5' LINEAR FEET.

1" CAULK PER ARCH. REQ.

1/2" CANE FIBER EXPANSION JT. MATERIAL

SAWCUT DEPTH = d/4

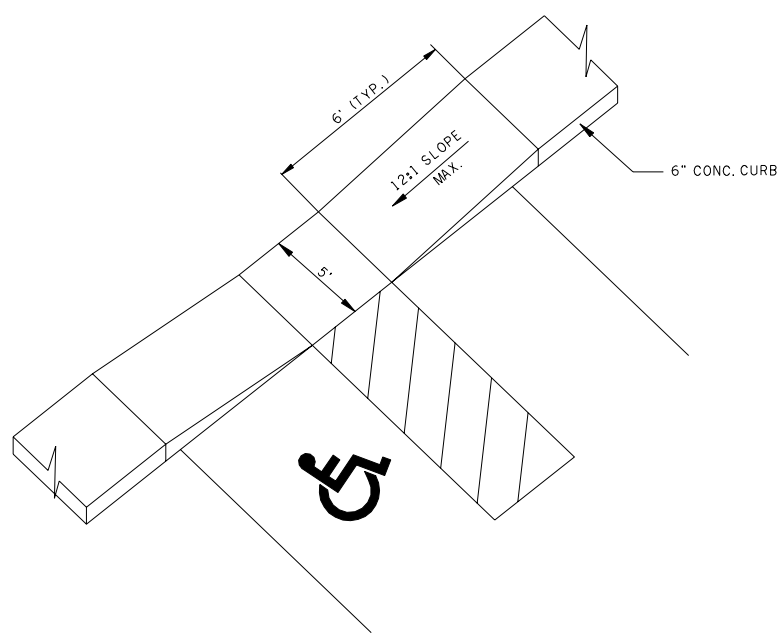
FILL w/ CAULK

CONTRACTION JOINT

EXPANSION JOINT

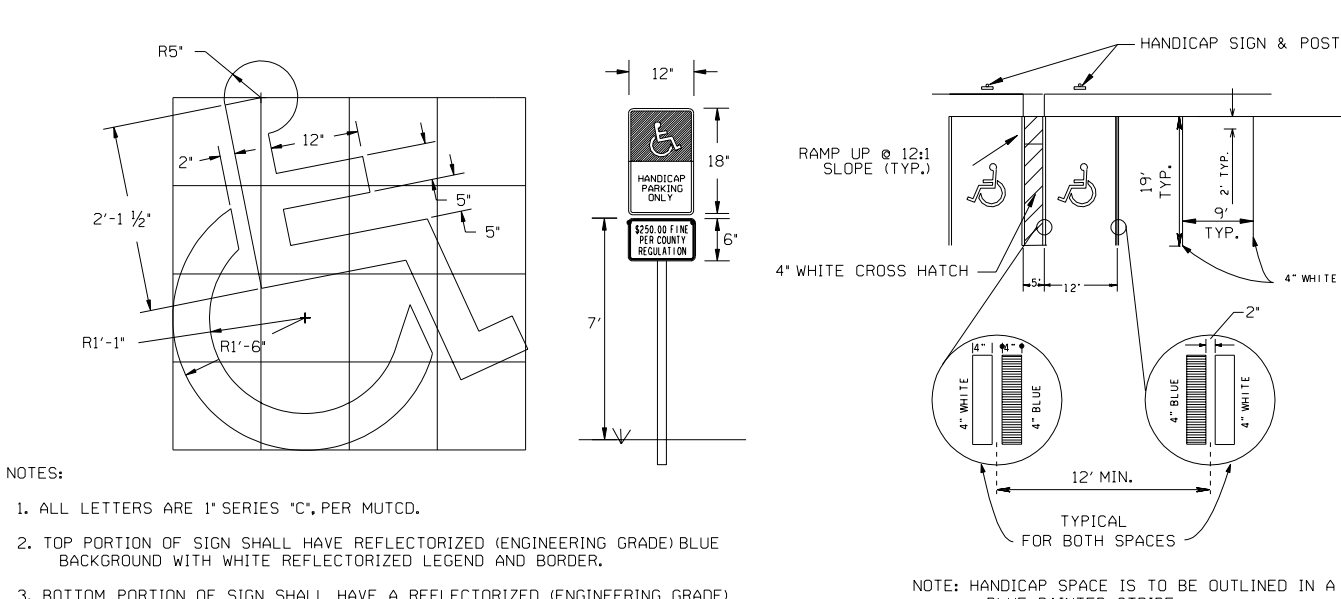
TYPICAL SIDEWALK

N.T.S.



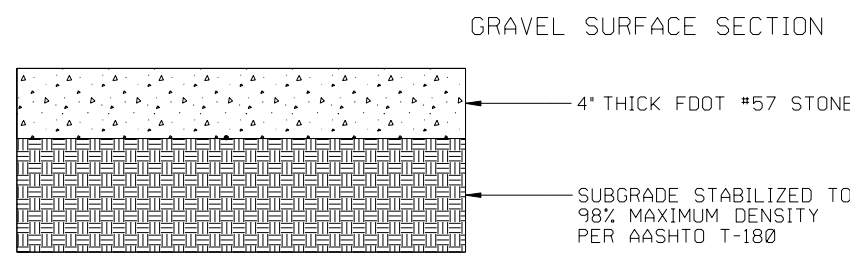
TYPICAL HANDICAP RAMP

N.T.S.



HANDICAP PARKING SYMBOL

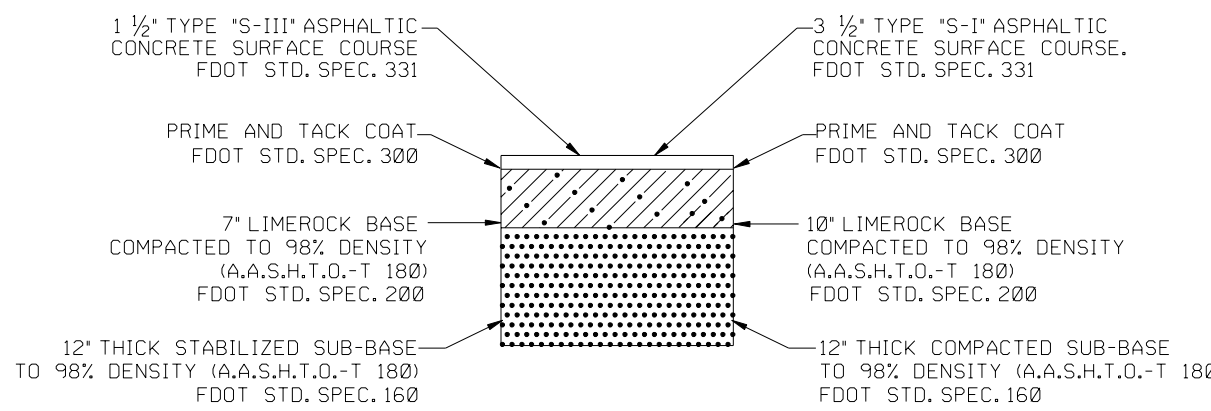
N.T.S.



TYPICAL GRAVEL SECTION DETAIL

N.T.S.

FOOT ASPHALT PAVEMENT



TYPICAL PAVEMENT SECTION

N.T.S.

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WILDWOOD WAREHOUSE COMPLEX  
CIVIL DETAILS  
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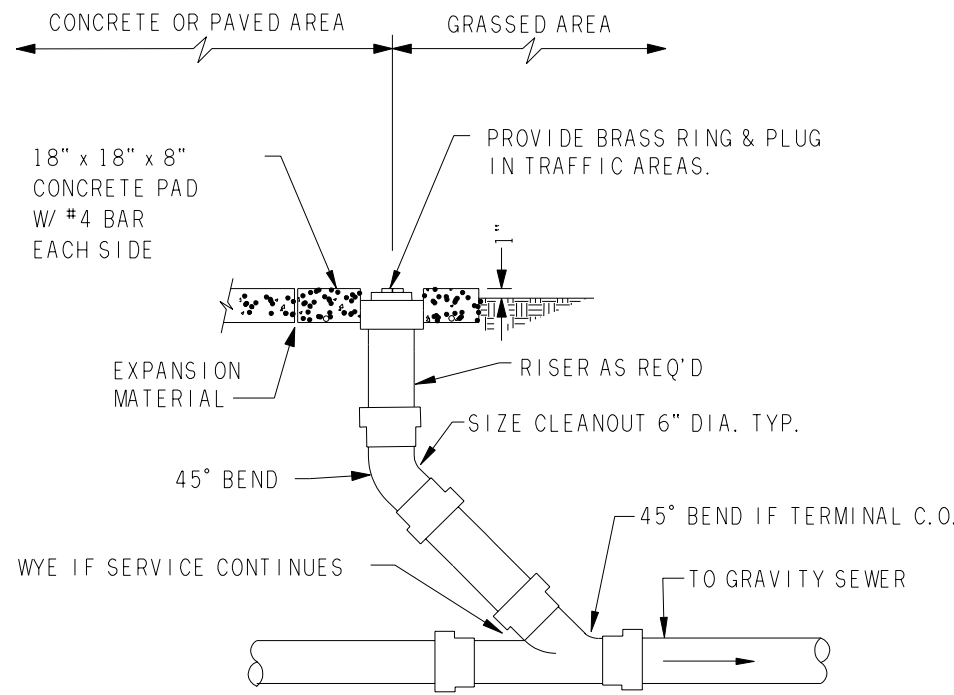
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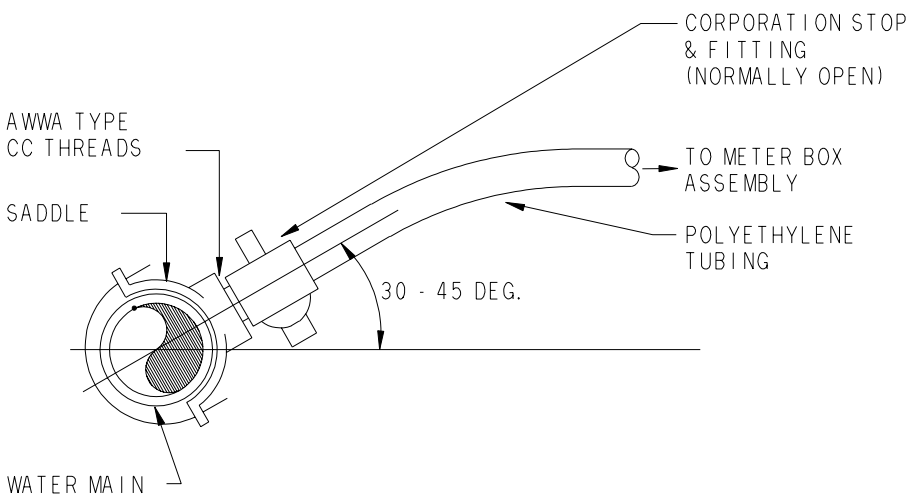
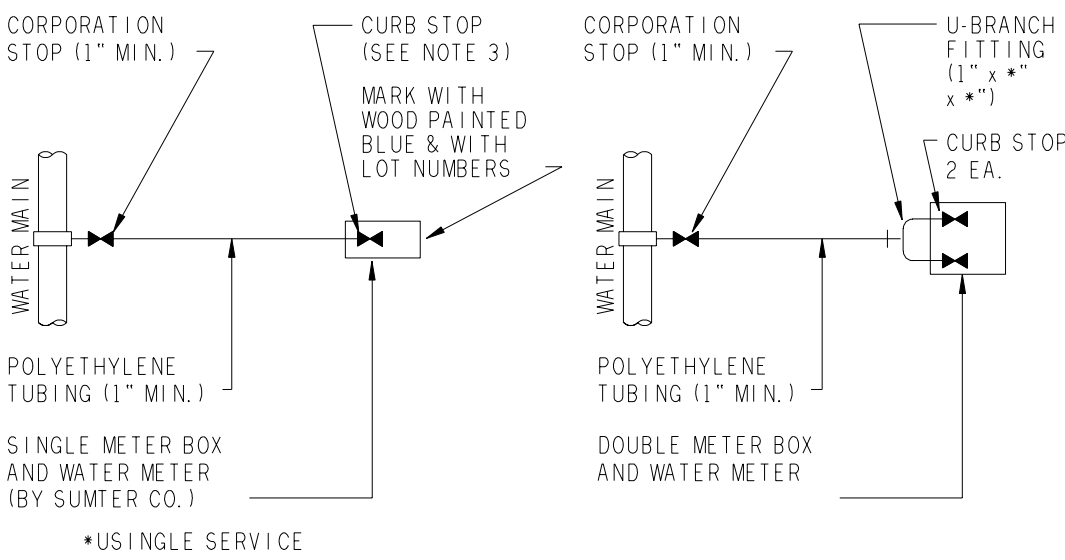
C-4





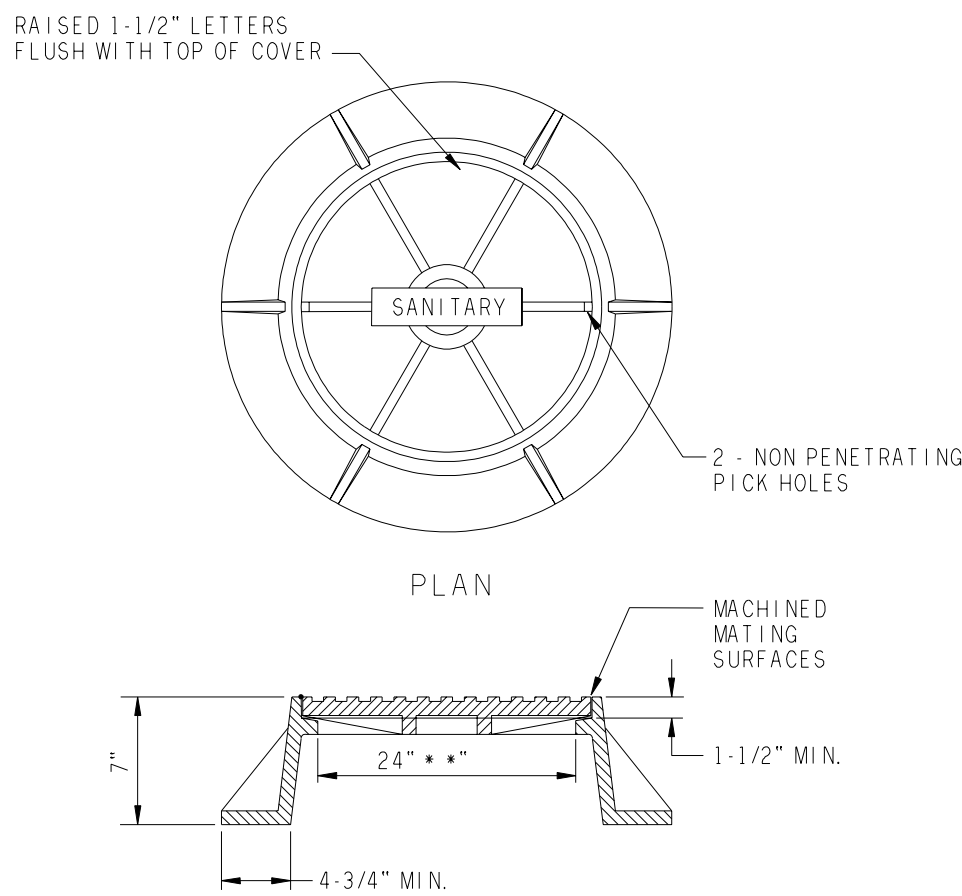
NOTES:  
1. CONCRETE PAD IS TO BE SET 1" ABOVE FINISH GRADE FOR AREAS OUTSIDE OF PAVEMENT OR SIDEWALKS.

SANITARY CLEANOUT  
N.T.S.

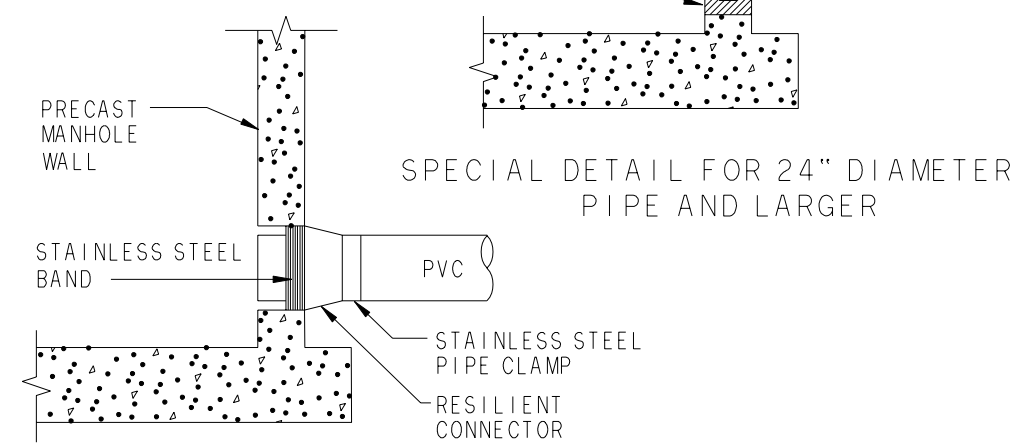
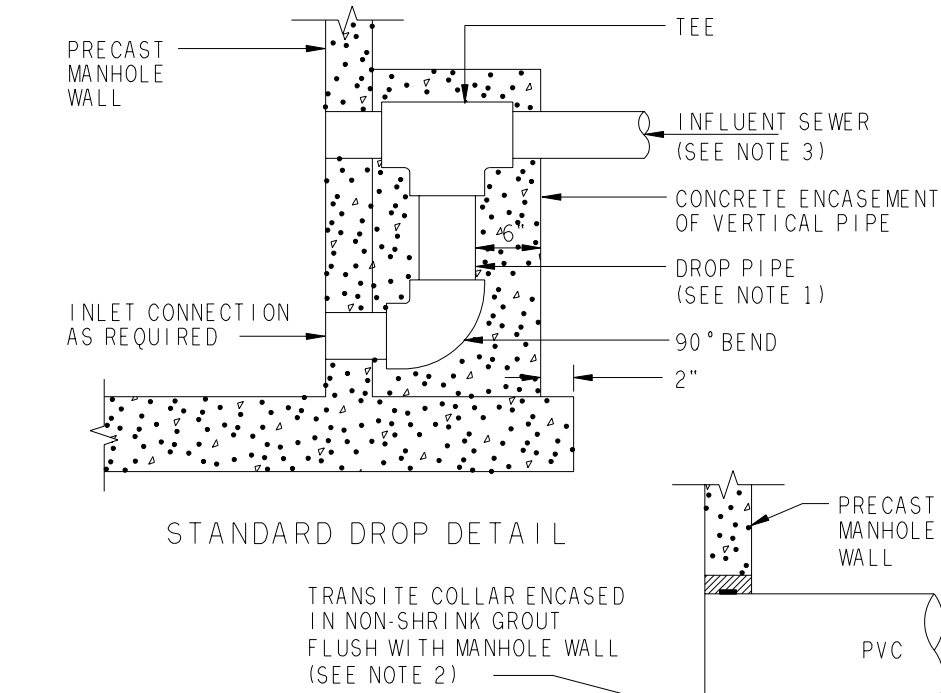


NOTES:  
1. ALL FITTINGS SHALL BE BRASS WITH COMPRESSION/PACK JOINT TYPE CONNECTIONS.  
2. NO SERVICE LINE SHALL TERMINATE UNDER A DRIVEWAY.  
3. EACH SERVICE SHALL TERMINATE AT A CURB STOP(S) WHICH SHALL BE BURIED APPROXIMATELY 3" BELOW FINAL GRADE AND SHALL BE CLEARLY MARKED WITH A 2" X 2" X 18" STAKE WITH THE TOP PAINTED BLUE AND MARKED WITH THE NUMBER OF THE LOT(S) TO BE SERVED.

WATER SERVICE CONNECTION DETAILS  
(FIG. 405)



STANDARD MANHOLE FRAME AND COVER  
(FIG. 202)

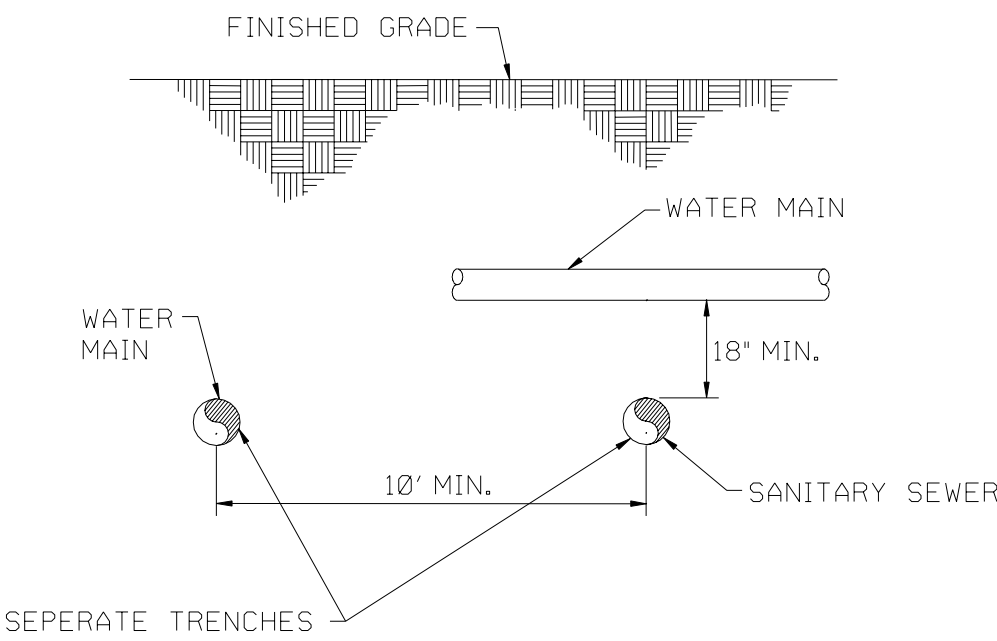


STANDARD PRECAST MANHOLE  
PIPE CONNECTION

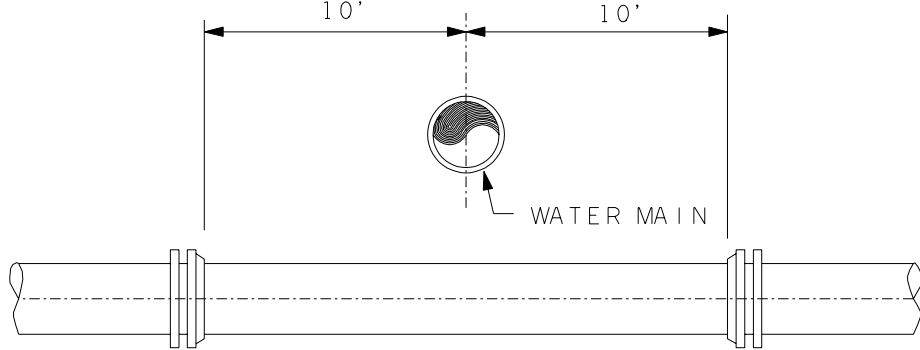
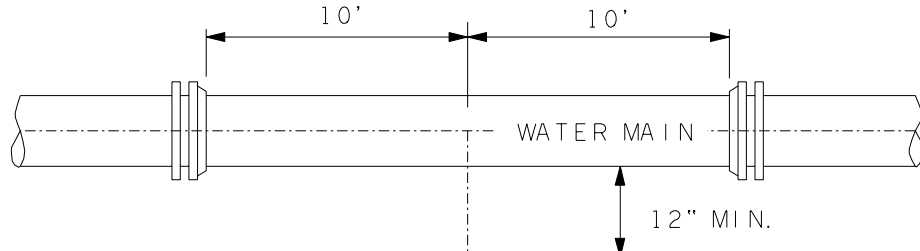
NOTES:  
1. DROP PIPE AND FITTINGS SHALL BE OF EQUAL SIZE AND MATERIAL AS THE INFLUENT SEWER.  
2. THE COUNTY MAY APPROVE ALTERNATE WATER TIGHT CONNECTION DETAILS FOR CONNECTION OF 24" DIAMETER PIPES AND LARGER.  
3. AN OUTSIDE DROP CONNECTION SHALL BE REQUIRED FOR ALL INFLUENT WHICH HAVE AN INVERT 2" OR MORE ABOVE THE MANHOLE INVERT.

MANHOLE CONNECTION DETAILS  
(FIG.201)

NOTE:  
WHEN WATER LINES & MAINS CROSS SANITARY, STORM OR ANY NON-POTABLE LINES WITH LESS THAN 18" VERTICALLY SEPARATION, THE WATER MAIN SHALL BE REPLACED WITH C900-SDR14 PIPE FOR A DISTANCE OF 10' MIN. EITHER SIDE OF THE CROSSING. A LATERAL SEPARATION OF 10' SHALL BE MAINTAINED BETWEEN WATER AND ANY NON-POTABLE LINES AT ALL TIMES, UNLESS THE WATER MAIN IS CONSTRUCTED OF C900-SDR14 PIPE.

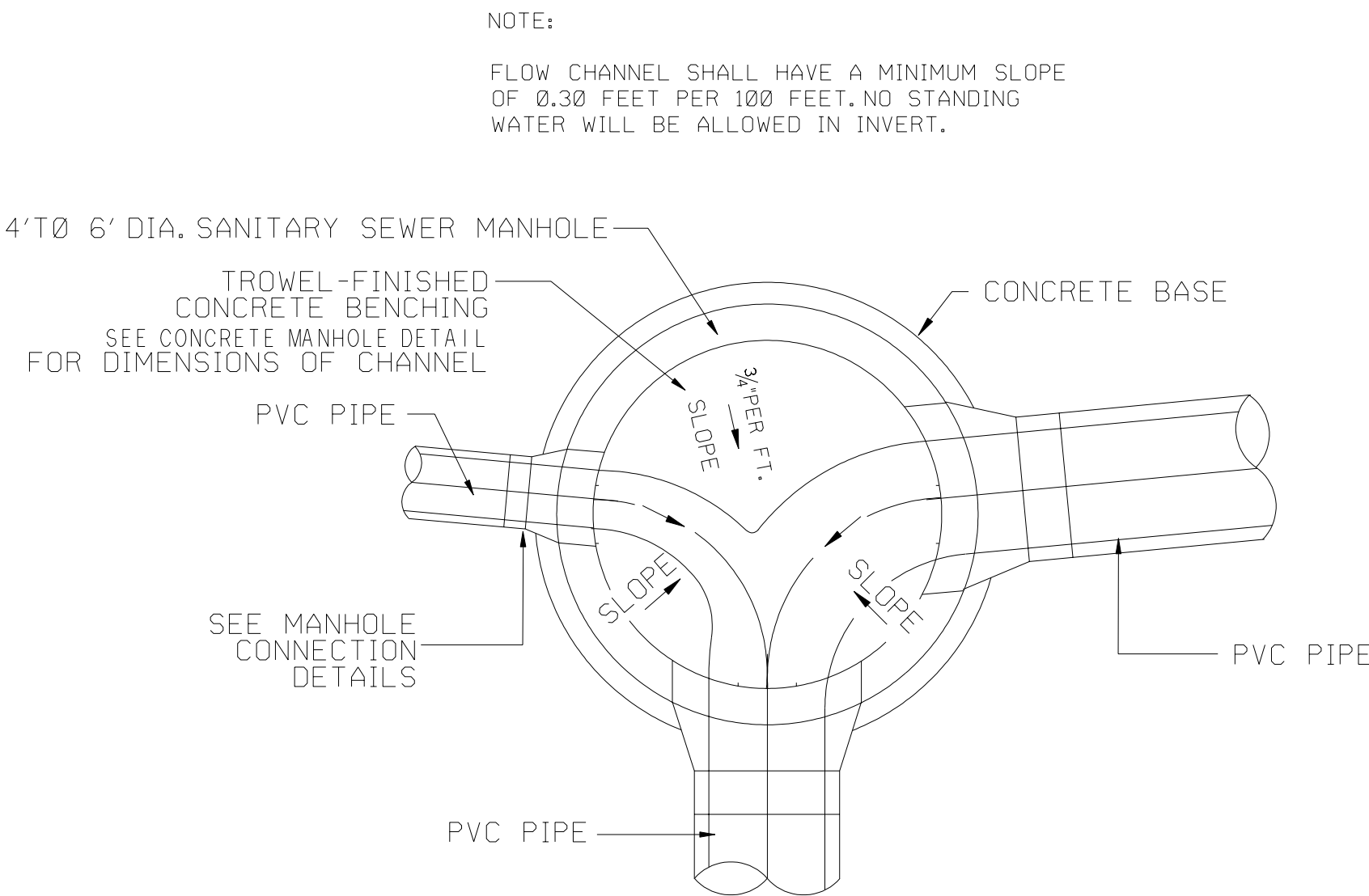


WATER AND SEWER LINE ORIENTATION  
N.T.S.

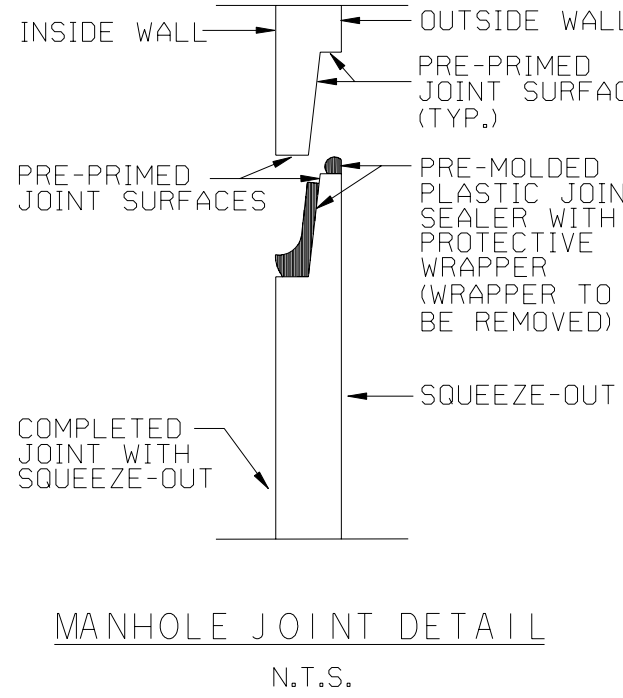


1. A WATER MAIN SHOULD CROSS OVER PIPES WHEREVER POSSIBLE MAINTAINING A 36-INCH COVER FOR PVC, 30-INCH COVER FOR D.I.P. AND 18-INCH SEPARATION AS MINIMUMS.
2. WHEREVER A WATER MAIN CROSSES UNDER A SEWER MAIN, OR CROSSES OVER WITH LESS THAN 18-INCHES VERTICAL SEPARATION, THEN D.I.P. SHALL BE USED FOR BOTH PIPES FOR A DISTANCE OF 20 FEET CENTERED ON CROSSING WITH NO JOINTS WITHIN 10 FEET OF THE CROSSING.
3. 18-INCH SEPARATION SHOULD BE MAINTAINED BETWEEN ALL PIPES (STORM, SEWER, WATER) WHENVER POSSIBLE. 12-INCHES IS THE ABSOLUTE MINIMUM SEPARATION WITH D.I.P. REQUIRED FOR ANY SEPARATION LESS THAN 18-INCHES.
4. MAINTAIN 10 FEET HORIZONTAL SEPARATION BETWEEN WATER AND SEWER AS A MINIMUM.
5. FORCE MAIN CROSSING WATER MAIN SHALL BE LAID TO PROVIDE A MIN. VERTICAL SEPARATION OF 18-INCHES BETWEEN THE PIPES WITH WATER MAIN CROSSING OVER CROSSING OVER FORCE MAIN.
6. 3 FOOT HORIZONTAL CLEARANCE SHALL BE PROVIDED BETWEEN UTILITIES AN ANY OBSTRUCTIONS (CATCH BASINS, CONCRETE POLES, ETC.)
7. 5 FOOT HORIZONTAL CLEARANCE SHALL BE PROVIDED BETWEEN UTILITIES AND TREES.

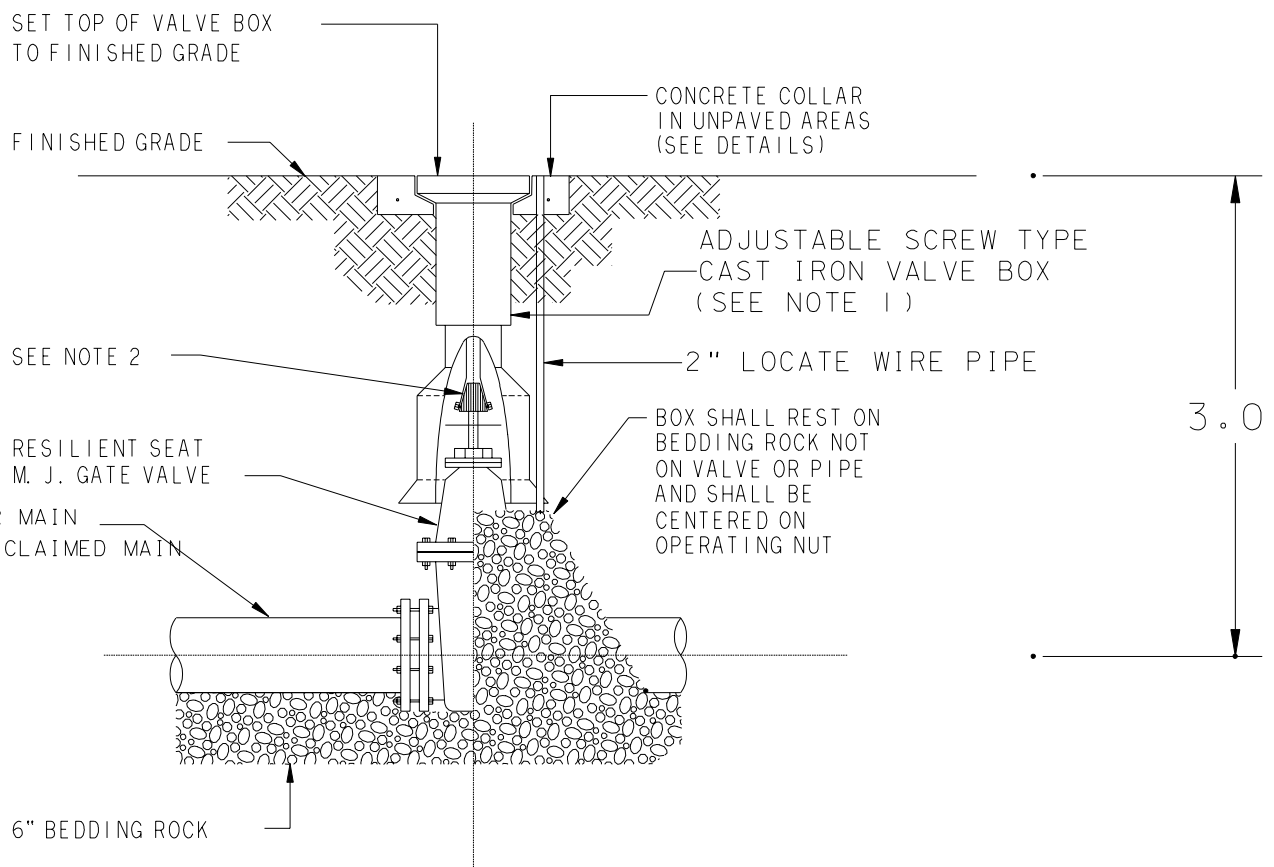
UTILITY CROSSING  
GENERAL REQUIREMENTS  
N.T.S.



MANHOLE CHANNELIZATION DETAIL  
N.T.S.

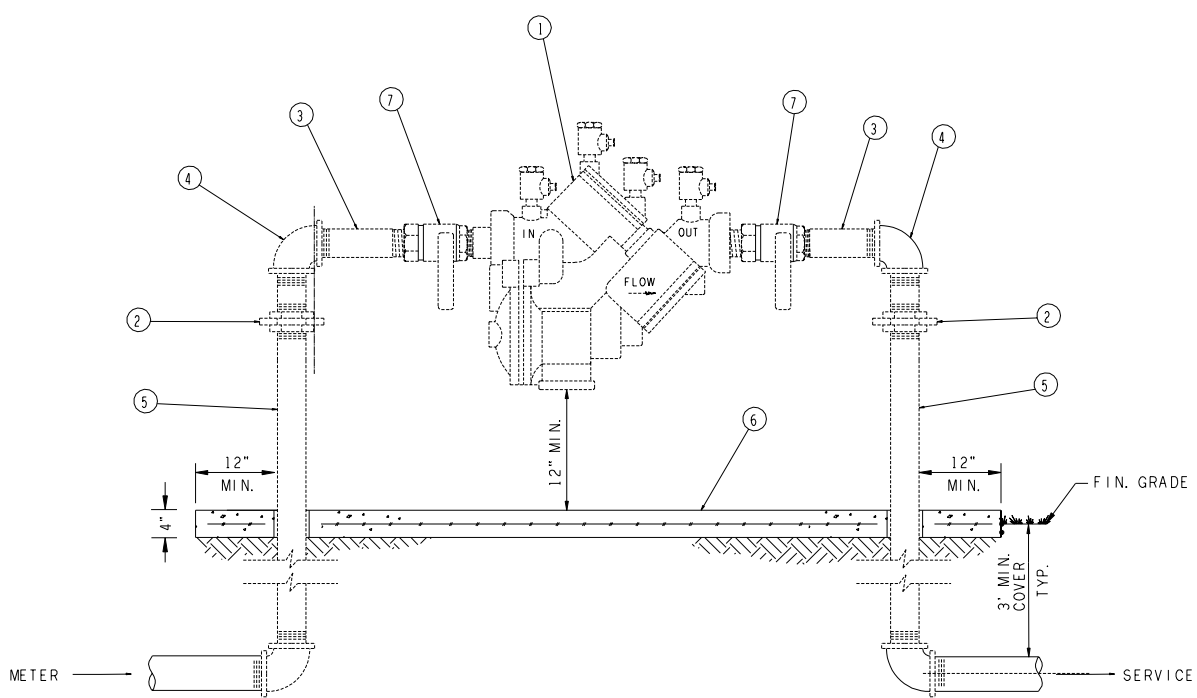


MANHOLE JOINT DETAIL  
N.T.S.



NOTES:  
1. EXTENSIONS SHALL BE MANUFACTURED EXTENSION USED FOR VALVE BOX INSTALLATION. EXTENSION SEGMENT LENGHT DETERMINED BY O.C.U. INSPECTOR.  
2. THE ACTUATING NUT FOR DEEPER VALVES SHALL BE EXTENDED TO COME UP TO 1 FOOT DEPTH BELOW FINISHED GRADE WITH TWO SET SCREWS OPOSITE OF EACH OTHER ON ACTUATOR.

GATE VALVE AND BOX DETAIL  
(FIG. 400)



MATERIALS		
ITEM	QUANT.	DESCRIPTION
1	1	BACKFLOW PREVENTER ASSEMBLY, REDUCED PRESSURE ZONE
2	2	UNIONS - BRASS
3	2	NIPPLES - BRASS
4	2	ELBOWS - PVC 90°
5	2	RISER - PVC
6	1	CONCRETE SLAB
7	2	BALL VALVES - BRASS (PROVIDED WITH BFP ASS'Y)

REDUCED PRESSURE  
BACKFLOW PREVENTER  
SINGLE SERVICE: 3/4"

REVISIONS			
NO.	DATE	COMMENT	APPROVED BY

**INTERNATIONAL ENGINEERING CONSULTANTS, INC.**

- LAND DEVELOPMENT
- HIGHWAY DESIGN
- DRAINAGE DESIGN
- CONSTRUCTION ADMINISTRATION
- ENVIRONMENTAL PERMITTING

4767 NEW BROAD ST.  
ORLANDO, FLORIDA 32814  
PHONE AND FAX 407-245-7383  
I.E.C. CERTIFICATE OF AUTHORIZATION # 7494

PREPARED FOR:  
**Mr. Jorge Perez, General Manager**  
**ALPE Propethes, LLC**  
**11640 Boggy Creek Road**  
**Orlando, FL 32824**

**WILDWOOD WAREHOUSE COMPLEX**  
**UTILITY DETAILS**  
**SUMTER COUNTY**

**FLORIDA**

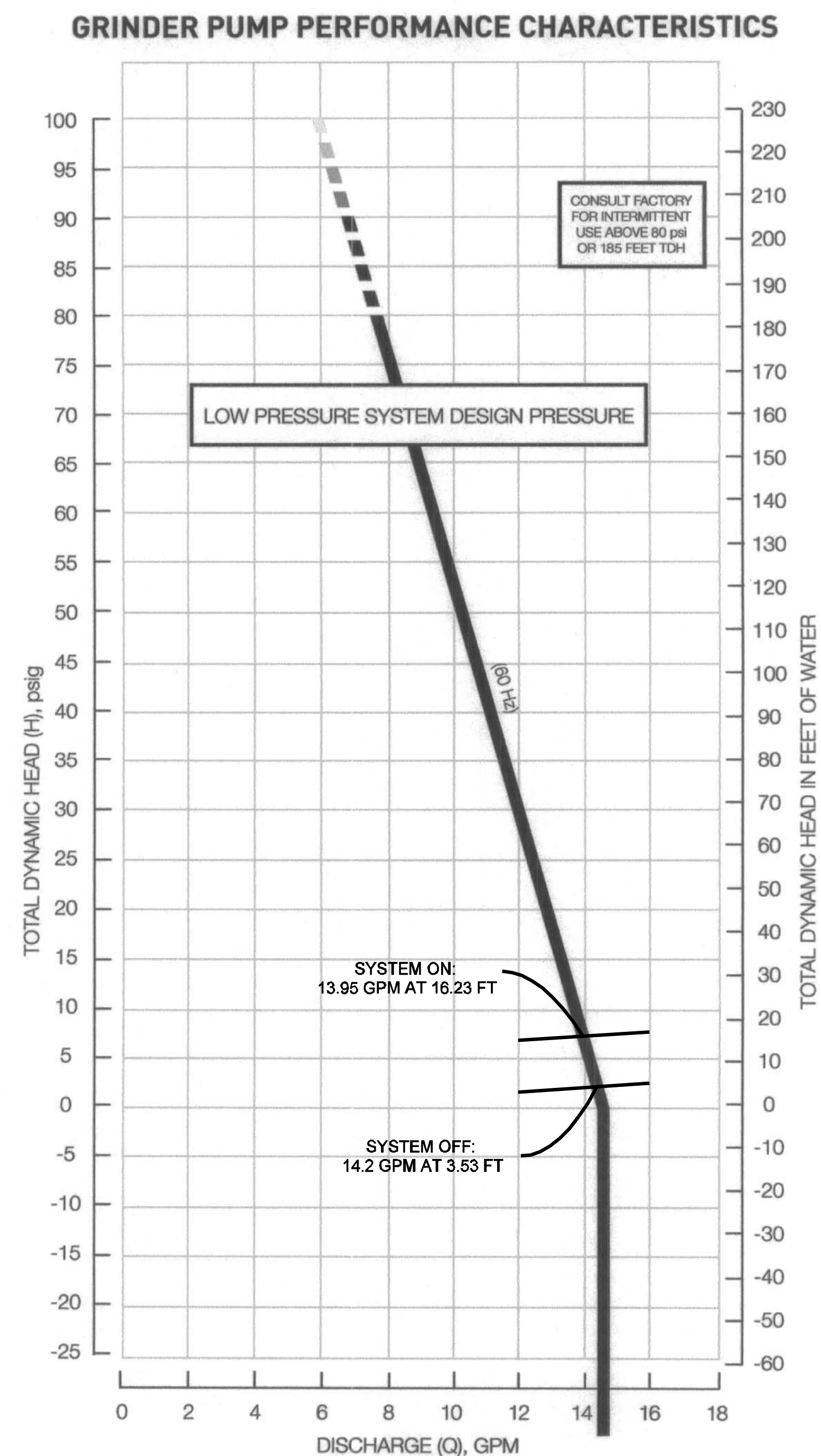
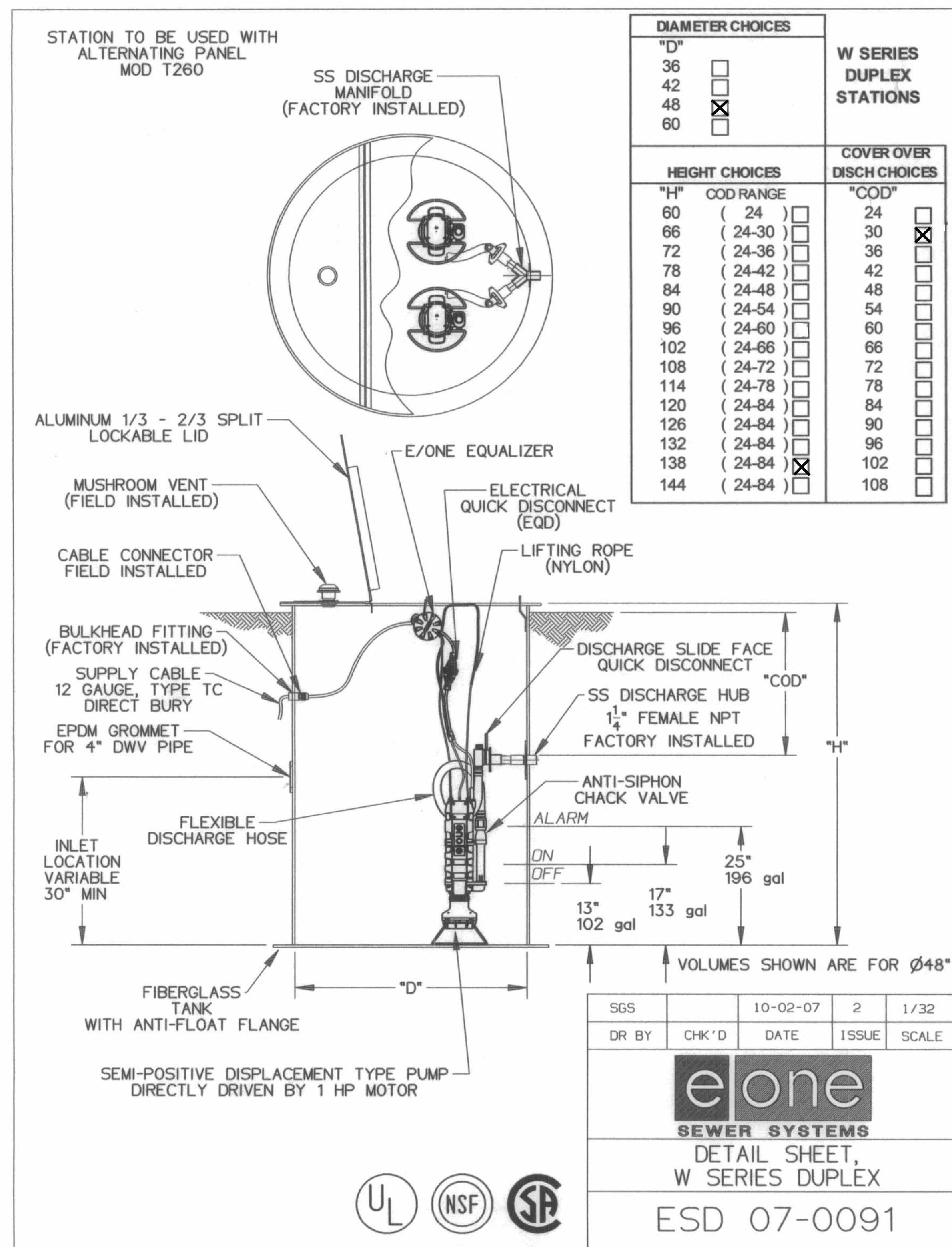
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APPROVED BY  
KENNETH J. LEEMING P.E. # 45294

DATE

JOB NUMBER: 2006122  
DATE: 12-16-08  
DESIGNED: V.D.L.  
DRAWN: I.E.C.  
CHECKED: K.J.L.

**C-5**



REVISIONS			
NO.	DATE	COMMENT	APPROVED BY
1	12-01-09	DESIGN REVISIONS	K.J.L.



**PREPARED FOR:**  
Mr. Jorge Perez, General Manager  
ALPE Propethes, LLC  
11640 Boggy Creek Road  
Orlando, FL 32824

**WILDWOOD WAREHOUSE COMPLEX**

**LIFT STATION DETAIL**

**SUMTER COUNTY**

**FLORIDA**

NOT VALID FOR CONSTRUCTION UNLESS SIGNED AND SEALED IN THIS BLOCK

APPROVED BY  
KENNETH J. LEEMING P.E. # 45294

DATE

JOB NUMBER: 2008122

DATE: 12-16-08

DESIGNED: V.D.L.

DRAWN: I.E.C.

CHECKED: K.J.L.

**C-6**





REVISIONS			
NO.	DATE	COMMENT	APPROVED BY



**INTERNATIONAL  
ENGINEERING  
CONSULTANTS, INC.**

- LAND DEVELOPMENT
- HIGHWAY DESIGN
- DRAINAGE DESIGN
- CONSTRUCTION ADMINISTRATION
- ENVIRONMENTAL PERMITTING

4767 NEW BROAD ST.  
ORLANDO, FLORIDA 32814  
PHONE AND FAX 407-245-7383  
I.E.C. CERTIFICATE OF AUTHORIZATION # 7494

*PREPARED FOR:*  
**Mr. Jorge Perez, General Manager**  
**ALPE Propethes, LLC**  
**11640 Boggy Creek Road**  
**Orlando, FL 32824**

**WILDWOOD WAREHOUSE COMPLEX**  
**AERIAL MAP**  
**SUMTER COUNTY**  
**FLORIDA**

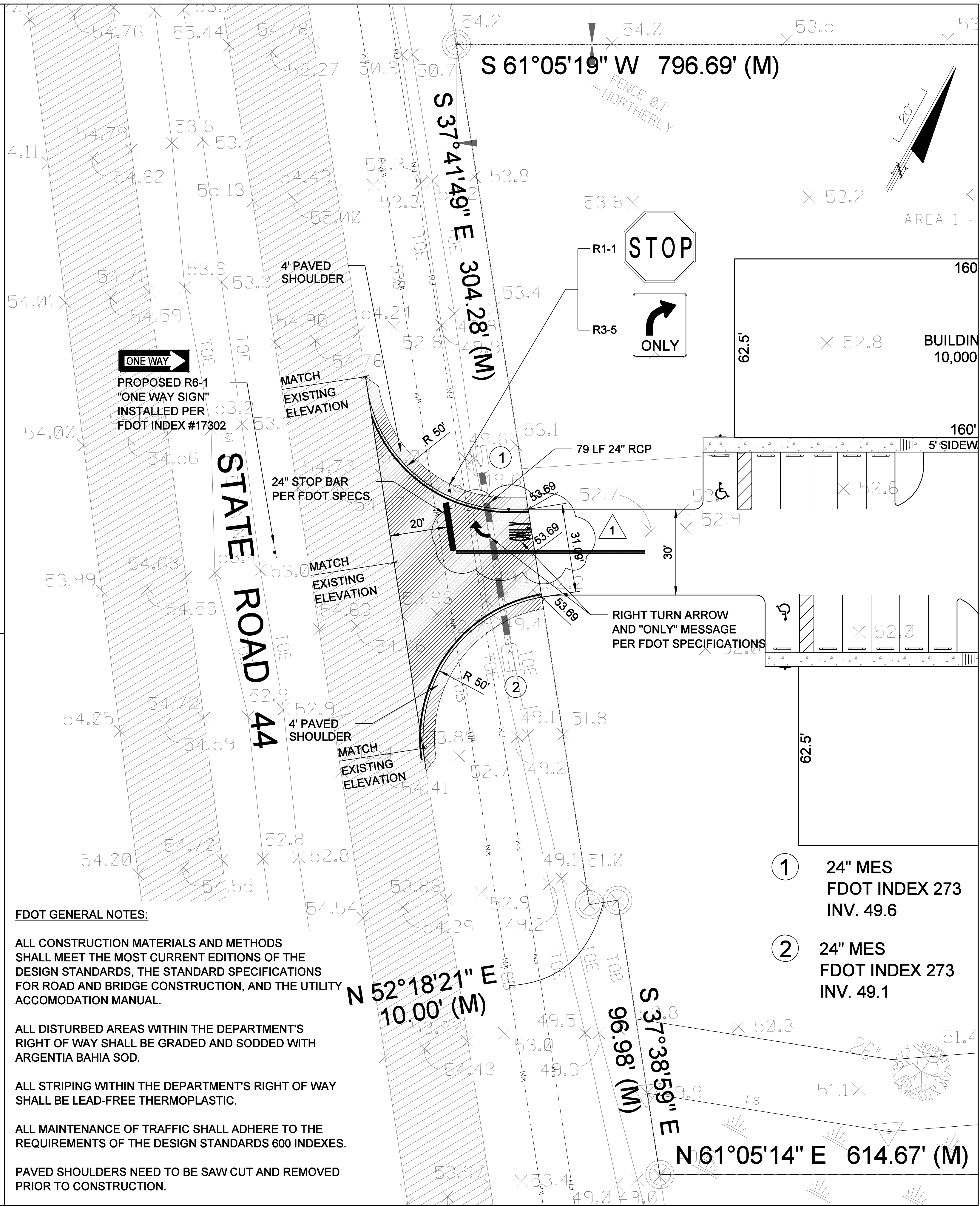
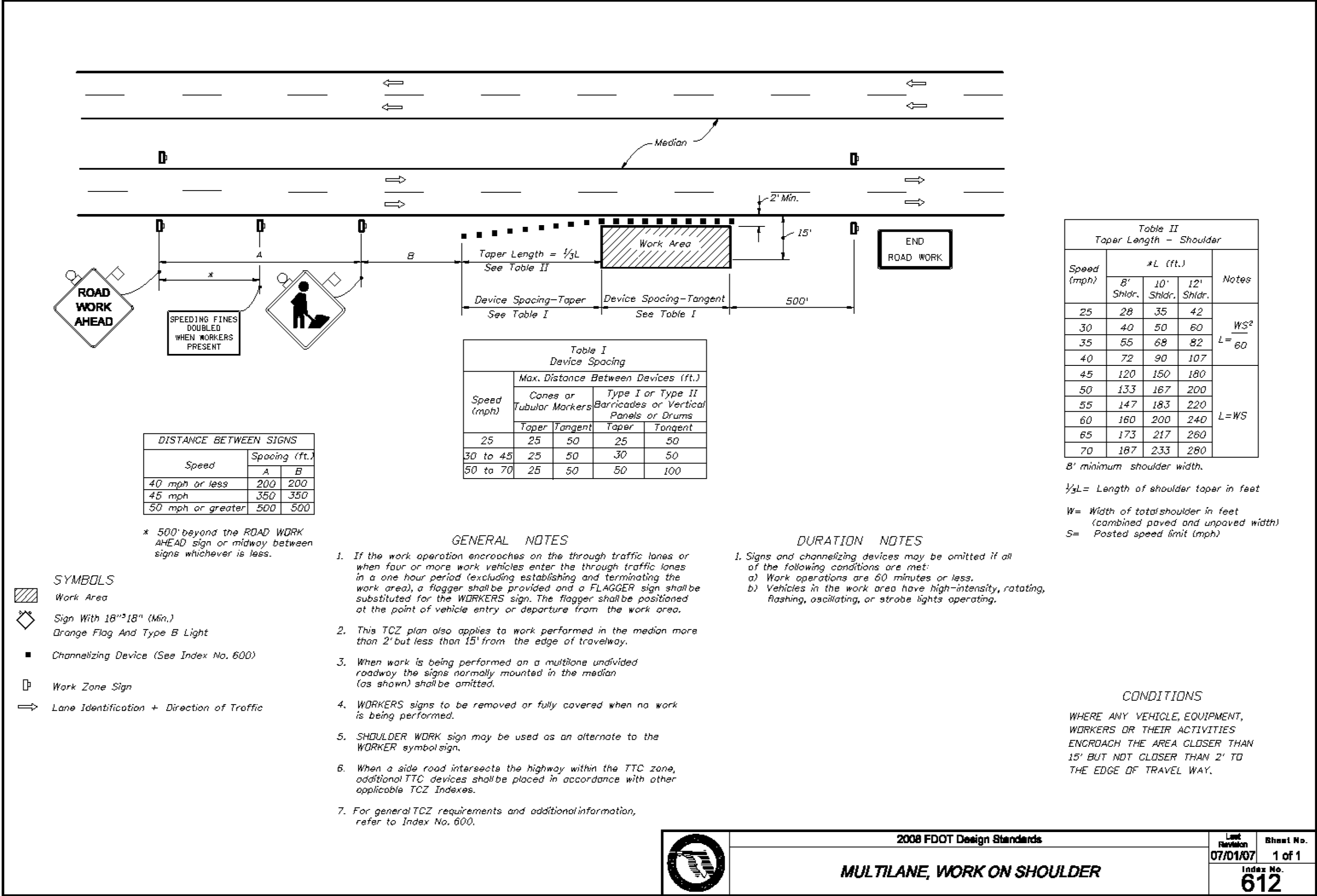
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SIGNED AND SEALED IN THIS BLOCK

APPROVED BY  
KENNETH J. LEEMING P.E. # 45294

DATE

JOB NUMBER:	2006122
DATE:	12-16-08
DESIGNED:	V.D.L.
DRAWN:	I.E.C.
CHECKED:	K.J.L.
<b>C-7</b>	





REVISIONS			
NO.	DATE	COMMENT	APPROVED BY
1	07-30-09	REVISION PER FDOT COMMENTS	K.J.L.

**INTERNATIONAL ENGINEERING CONSULTANTS, INC.**

• LAND DEVELOPMENT  
• HIGHWAY DESIGN  
• DRAINAGE DESIGN  
• CONSTRUCTION ADMINISTRATION  
• ENVIRONMENTAL PERMITTING

4767 NEW BROAD ST.  
ORLANDO, FLORIDA 32814  
PHONE AND FAX 407-245-7383  
I.E.C. CERTIFICATE OF AUTHORIZATION # 7494

**PREPARED FOR:**

**Mr. Jorge Perez, General Manager**  
**ALPE Propethes, LLC**  
11640 Boggy Creek Road  
Orlando, FL 32824

**SUMTER COUNTY**

**WILDWOOD WAREHOUSE COMPLEX**  
**DRIVEWAY CONNECTION PLAN**

**FLORIDA**

NOT VALID FOR CONSTRUCTION UNLESS SIGNED AND SEALED IN THIS BLOCK

APPROVED BY  
KENNETH J. LEEMING P.E. # 45294

DATE

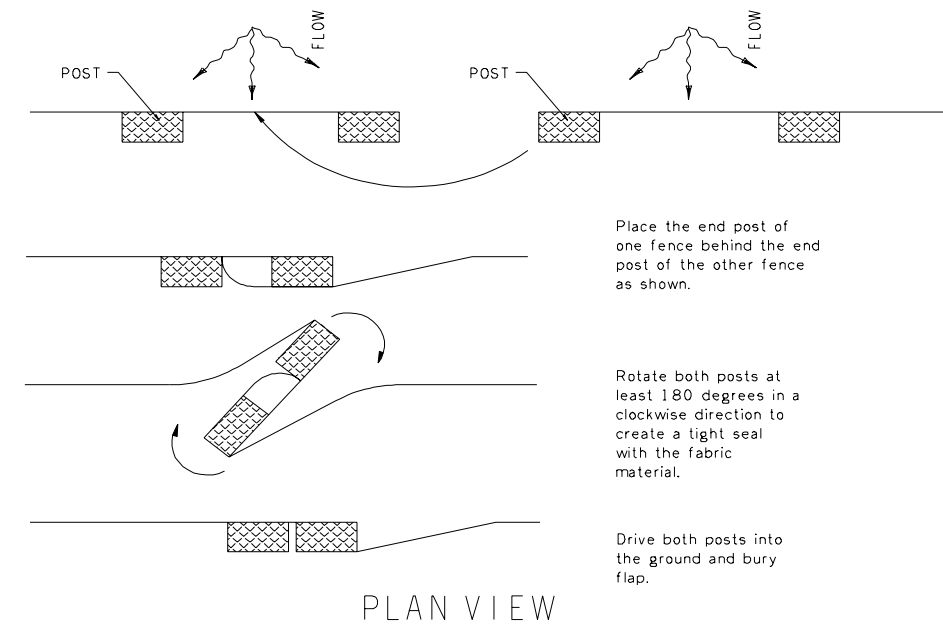
JOB NUMBER: 2006122  
DATE: 12-16-08  
DESIGNED: V.D.L.  
DRAWN: I.E.C.  
CHECKED: K.J.L.

**C-8**

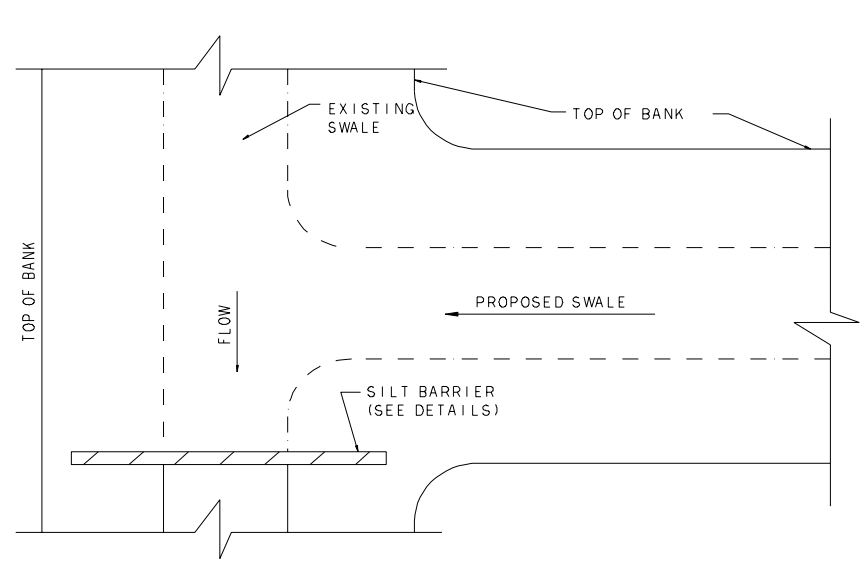
I. GENERAL INFORMATION				II. POLLUTION PREVENTION CONTROLS				III. MAINTENANCE INSPECTION PROCEDURES				IV. NON-STORMWATER DISCHARGE				V. COMPLIANCE AND CERTIFICATION																							
A. SITE DESCRIPTION:  PROJECT NAME: WILDWOOD WAREHOUSE COMPLEX SECTION/TOWNSHIP/RANGE: 2 / 19S / 22E LOCATION: NORTH BOUND SR 44, 650 FT. SOUTH OF CR-44A   OWNER'S NAME: ALPE PROPERTIES, LLC OWNER'S ADDRESS: 11640 BOGGY CREEK ROAD ORLANDO, FLORIDA 32824				B: PURPOSE AND WORK DESCRIPTION: DEVELOP A WAREHOUSE COMPLEX WITH PHASE I CONSISTING OF TWO (2) - 10,000 S.F. BUILDINGS WITH ASSOCIATED PARKING AND STORMWATER MANAGEMENT SYSTEM.				C. SEQUENCE OF MAJOR EVENTS:  1. INSTALL STAKED SILT FENCE AS INDICATED ON THE CONSTRUCTION PLANS 2. CLEAR AND GRUB FOR PONDS TO BE USED AS SEDIMENTATION BASINS. 3. EXCAVATE POND FOR SEDIMENTATION TRAPS FOR SITE RUNOFFS. 4. BEGIN BUILDING CONSTRUCTION. 5. CONSTRUCT DIVERSION SWALES AROUND PERIMETER OF SITE TO PONDS, AS NECESSARY. 6. INSTALL STORM SEWER SYSTEM AND ITS SILTATION PROTECTION, UTILITIES AND OUTFALL STRUCTURES. 7. EXCAVATE THE REMAINDER OF THE PONDS INCLUDING REMOVAL OF SILT DEPOSITS. 8. STABILIZE STREETS AND PARKING AREAS. 9. CONSTRUCT CURB, BASE AND ASPHALT 10. COMPLETE FINAL SITE GRADING. 11. INSTALL PERMANENT LANDSCAPING ON SITE. REPAIR ANY WASHED OUT AREAS. 12. WHEN CONSTRUCTION ACTIVITY IS COMPLETE AND THE SITE IS STABILIZED, REMOVE PROTECTION DEVICES AND PLACE SOD AS NECESSARY.				D. TIMING OF CONTROL MEASURES:  AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES, STAKED SILT FENCING, STABILIZED CONSTRUCTION ENTRANCES AND SEDIMENT BASINS SHALL BE CONSTRUCTED PRIOR TO CLEARING OR GRADING OF ANY OTHER PORTIONS OF THE SITE. AREAS WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR MORE THAN 21 DAYS SHALL BE STABILIZED WITH TEMPORARY GRASS AND MULCH WITHIN 14 DAYS OF THE LAST DISTURBANCE. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY, THAT AREA SHALL BE STABILIZED WITH PERMANENT SOD. AFTER THE ENTIRE SITE IS STABILIZED, THE ACCUMULATED SEDIMENT SHALL BE REMOVED FROM THE TRAPS AND THE STAKED SILT FENCES SHALL BE REMOVED.				A. EROSION AND SEDIMENT CONTROLS 1. STABILIZATION PRACTICES: <u>WIND EROSION STABILIZATION:</u> THE CONTRACTOR SHALL DENUDE ONLY AREAS WHERE IT IS EXPECTED TO BE GRADED OR ALTERED WITH A TWO (2) WEEK TIME FRAME. ALL PERVIOUS AREAS OF THE SITE INCLUDED IN GRADING THAT ARE DISTURBED DURING CONSTRUCTION SHALL BE GRADED AND PREPARED WITH A COMBINATION OF SOD AND/OR SEEDING AND MULCHING. PAD AREAS CONSTRUCTED IN FUTURE WORK AREAS, WHERE GRADING IS COMPLETE, SHALL BE COMPLETELY SEEDDED AND MULCHED. AREAS WHERE CONSTRUCTION OPERATIONS WILL BE CONTINUOUS, FUGITIVE DUST SHALL BE MANAGED BY APPLYING A WATER SPRAY TO SATURATE THE SOIL ON A DAILY BASIS (OR MORE OFTEN IF NEEDED) TO MAINTAIN MINIMAL DUST TRANSPORT. FUGITIVE DUST SHALL BE MONITORED CONTINUOUSLY AND ADDITIONAL MEASURES MAY NEED TO BE TAKEN TO CONTROL OFF SITE TRANSPORT OF UNACCEPTABLE LEVELS OF DUST. <u>TEMPORARY STABILIZATION:</u> THE TOPS OF SOILS STOCK PILES AND DISTURBED PORTIONS OF THE SITE, WHERE CONSTRUCTION ACTIVITY WILL CEASE FOR 21 DAYS SHALL BE STABILIZED WITH TEMPORARY GRASS AND MULCH NO LATER THAN 14 DAYS FROM THE LAST CONSTRUCTION ACTIVITY. GRASS SEED SHALL BE AS MIXTURE OF 20 PARTS OF BERMUDA AND 80 PARTS OF PENSACOLA BAHIA. THE SEPARATE TYPES OF SEED USED SHALL BE THOROUGHLY DRY MIXED IMMEDIATELY BEFORE SOWING. SEED WHICH HAS BECOME WET SHALL NOT BE USED. THE MULCH MATERIAL USED SHALL NORMALLY BE DRY MULCH. DRY MULCH SHALL BE STRAW OR HAY CONSISTING OF OAT, RYE OR WHEAT STRAW, OR OF PANGOLA, PEANUT, COASTAL BERMUDA OR BAHIA GRASS HAY. ONLY UNDETERIORATED MULCH WHICH CAN BE READILY CUT INTO THE SOIL, SHALL BE USED. AREAS OF THE SITE WHICH ARE TO BE PAVED WILL BE TEMPORARILY STABILIZED BY APPLYING STABILIZATION AND BASE. <u>PAVEMENT STABILIZATION</u> DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY PERMANENTLY CEASES SHALL BE STABILIZED WITH SOD NO LATER THAN 14 DAY AFTER LAST CONSTRUCTION ACTIVITY. 2. STRUCTURAL PRACTICES: <u>EROSION PROTECTION</u> DURING THE CONSTRUCTION PHASES, APPROPRIATE PRACTICES INCLUDING BUT NOT LIMITED TO SILT FENCE BARRIERS, HAY BALES AND WATERING OR OTHER METHODS NECESSARY WILL BE IMPLEMENTED TO CONTROL FUGITIVE DUST. <u>SEDIMENT BASINS</u> THE STORM WATER MANAGEMENT AREAS (RETENTION AREAS) WILL SERVE AS SEDIMENT BASINS DURING THE CONSTRUCTION PERIOD. AT THE CONTRACTOR'S DISCRETION, THE SEDIMENT BASINS WILL BE CONSTRUCTED TO THE DESIGN CROSS-SECTION OR A MINIMUM OF 2- FEET BELOW EXISTING GROUND TO ALLOW THE SILT TO BE COLLECTED AND REMOVED PRIOR TO COMPLETION OF THE GRADING. 3. STORM WATER MANAGEMENT: STORM WATER DRAINAGE WILL BE PROVIDED BY A CURB, STORM WATER AND CATCH BASINS SYSTEM FOR THE DEVELOPED AREAS. THE AREAS NOT DEVELOPED SHALL BE GRADED TO LESS THAN 2% SLOPES AND HAVE PERMANENT SEEDING OR PLANTINGS. WHEN CONSTRUCTION IS COMPLETE THE SITE WILL DRAIN TO STORM WATER PONDS THAT WERE UTILIZED AS THE TEMPORARY SEDIMENT BASINS DURING THE CONSTRUCTION PROCESS. ANY ACCUMULATED SEDIMENT SHALL BE REMOVED FORM THE SEDIMENT BASINS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONSTRUCT AND RETENTION/DETENTION AREAS IN ACCORDANCE WITH THE APPROVED CONSTRUCTION PLANS. B. SPECIFIED OTHER CONTROLS 1. WASTE DISPOSAL: <u>WASTE MATERIALS</u> ALL WASTE MATERIAL SHALL BE COLLECTED AND CONTAINED IN A CONTROLLED AREAS PURSUANT TO STATE AND LOCAL SOLID WASTE REGULATIONS. ALL TRASH AND CONSTRUCTION DEBRIS GENERATED FROM CONSTRUCTION IS TO BE REMOVED FROM THE SITE AND DISPOSED OF APPROPRIATELY. NO CONSTRUCTION MATERIAL SHALL BE BURIED ON SITE. ALL PERSONNEL SHALL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL. NOTICES STATING THESE PRACTICES SHALL BE POSTED IN THE ON-SITE OFFICE TRAILER. THE CONSTRUCTION MANAGER RESPONSIBLE FOR THE DAILY SITE OPERATIONS SHALL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED. <u>HAZARDOUS WASTE</u> IF ENCOUNTERED, ALL WASTE MATERIAL SHALL BE DISPOSED OF IN THE MANNER SPECIFIED BY STATE AND LOCAL REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED. <u>SANITARY WASTE</u> ALL SANITARY WASTE SHALL BE COLLECTED FORM PORTABLE UNITS BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR AS REQUIRED BY STATE AND LOCAL CODES AND REGULATIONS. 2. OFF-SITE VEHICLE TRACKING: STABILIZED CONSTRUCTION ENTRANCES SHALL BE PROVIDED TO HELP REDUCE OFF-SITE VEHICLE TRACKING OF SEDIMENTS. THE PAVED STREETS SHALL BE CLEANED AS NEEDED TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING MATERIAL SHALL BE COVERED WITH A TARPULIN AT ALL TIMES.				A. MATERIAL MANAGEMENT PRACTICES THE FOLLOWING ARE MATERIAL MANAGEMENT PRACTICES THAT SHALL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORMWATER RUNOFF. <u>GENERAL MANAGEMENT:</u> THE FOLLOWING PRACTICES SHALL BE FOLLOWED DURING THE CONSTRUCTION PROJECT TO MAINTAIN ORDER: EFFORTS SHALL BE MADE TO STORE ONLY ENOUGH PRODUCT TO COMPLETE THE PROJECT. ALL MATERIALS STORED ON SITE SHALL KEPT IN A NEAT ORDERLY MANNER IN APPROPRIATE CONTAINERS AND, IF POSSIBLE AND APPROPRIATE, UNDER A ROOF, OR IN A CONTAINER OR ENCLOSURE. PRODUCTS SHALL BE KEPT IN THE ORIGINAL MANUFACTURER'S LABELED CONTAINER. SUBSTANCES SHALL NOT BE MIXED WITH ONE ANOTHER UNLESS IT IS RECOMMENDED TO DO SO BY THE MANUFACTURER. WHENEVER POSSIBLE, ALL OF THE PRODUCT SHALL BE USED BEFORE DISPOSING OF THE CONTAINER. EMPTY CONTAINERS SHALL BE DISPOSED PROPERLY ON A REGULAR BASIS. MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL SHALL BE FOLLOWED. THE SITE SUPERINTENDENT SHALL INSPECT THE SITE DAILY FOR PROPER USE AND DISPOSAL OF CONSTRUCTION MATERIAL. <u>HAZARDOUS PRODUCTS:</u> THE FOLLOWING PRACTICES AARE TO BE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS. PRODUCTS SHALL BE KEPT IN THEIR ORIGINAL CONTAINERS UNLESS THEY ARE NOT RE-SEALABLE. ORIGINAL LABELS AND MATERIAL SAFETY INFORMATION SHALL BE RETAINED, AS THEY CONTAIN IMPORTANT PRODUCT INFORMATION. IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURER'S AS WELL AS LOCAL AND STATE RECOMMENDED DISPOSAL METHODS SHALL BE FOLLOWED. <u>PETROLEUM PRODUCTS:</u> ALL ON-SITE VEHICLES SHALL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTATIVE MAINTENANCE TO REDUCE THE POSSIBILITY OF LEAKAGE. PETROLEUM PRODUCTS SHALL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES USED ON THE SITE SHALL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS. <u>FERTILIZERS:</u> FERTILIZERS USED ON-SITE SHALL BE APPLIED ONLY IN THE MINIMUM AMOUNT RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED, THE FERTILIZER SHALL BE WORKED INTO THE SOIL TO PREVENT EXPOSURE TO STORM WATER. STORAGE SHALL BE IN A COVERED AREA. THE CONTENTS ON ANY PARTIALLY USED BAGS OF FERTILIZER SHALL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS. <u>PAINTS:</u> ALL PAINT CONTAINERS SHALL BE TIGHTLY SEALED AND STORED WHEN NOT BEING USED. EXCESS PAINT SHALL NOT BE DISCHARGED TO THE STORM WATER SYSTEM OR TO THE GROUND, BUT MUST BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURER'S INSTRUCTIONS AND IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS. <u>CONCRETE TRUCKS:</u> THE CONTRACTOR SHALL DESIGNATE AN AREA FOR THE DISCHARGE OF SURPLUS CONCRETE OR DRUM WASH WATER AND SHALL INSTALL A CONTAINMENT BERM AROUND THE AREA TO PREVENT RUNOFF TO THE SITE. HARDENED CONCRETE WASTE SHALL BE DISPOSED OF BY CONTRACTOR UPON COMPLETION OF THE PROJECT. B. SPILL CONTROL PRACTICES IN ADDITION TO THE GENERAL SITE AND MATERIAL MANagements PRACTICES PRESENTED IN PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES SHALL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP. MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEAN UP SHALL BE CLEARLY POSTED AND SITE PERSONNEL SHALL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND THE CLEANUP SUPPLIES. MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEAN UP SHALL BE KEPT IN THE MATERIAL STORAGE AREA ON THE SITE. EQUIPMENT AND MATERIAL SHALL INCLUDE, BUT NOT BE LIMITED TO, BROOMS, DUST PANS, MOPS, GLOVES, GOGGLES, RAGS, SHOVELS, SAND, SAWDUST AND PLASTIC AND METAL TRASH CONTAINERS. ALL SPILLS SHALL BE CLEANED UP IMMEDIATELY AFTER THEY ARE DISCOVERED. SPILLS SHALL BE KEPT WELL-VENTILATED AND PERSONNEL SHALL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FORM CONTACT WITH HAZARDOUS SUBSTANCES. SPILLS OF TOXIC OR HAZARDOUS MATERIAL SHALL BE REPORTED TO THE APPROPRIATE STATE OF LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE. THE SPILL PREVENTION PLAN SHALL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT SPILLS FROM RE-OCCURRING AND THE PROPER CLEANUP PROCEDURES FOR FUTURE USE. A DESCRIPTION OF THE SPILL, ITS CAUSE AND THE CLEANUP MEASURES USED SHALL ALSO BE INCLUDED. THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAILY SITE OPERATION SHALL BE THE SPILL PREVENTION AND CLEAN UP COORDINATOR. HE OF SHE SHALL DESIGNATE OTHER SITE PERSONNEL WHO WILL RECEIVE SPILL PREVENTION AND CLEAN UP TRAINING. THESE INDIVIDUALS SHALL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE(S) OF PREVENTION AND CLEAN UP. THE NAMES OF THE RESPONSIBLE SPILL PERSONNEL SHALL BE POSTED IN THE MATERIAL STORAGE AREA OR IN THE OFFICE TRAILER.				CONTRACTOR'S CERTIFICATION  I CERTIFY UNDER PENALTY OF LAW... <table><thead><tr><th>SIGNATURE</th><th>COMPANY NAME &amp; ADDRESS</th><th>RESPONSIBLE FOR:</th></tr></thead><tbody><tr><td>SIGNATURE: _____ NAME: _____ DATE: _____</td><td>COMPANY: _____ ADDRESS: _____ PHONE: ( ) - _____</td><td>GENERAL CONTRACTOR</td></tr><tr><td>SIGNATURE: _____ NAME: _____ DATE: _____</td><td>COMPANY: _____ ADDRESS: _____ PHONE: ( ) - _____</td><td>TEMPORARY AND PERMANENT STABILIZATION</td></tr><tr><td>SIGNATURE: _____ NAME: _____ DATE: _____</td><td>COMPANY: _____ ADDRESS: _____ PHONE: ( ) - _____</td><td>STABILIZED CONSTRUCTION ENTRANCE, EARTH BERMS AND SEDIMENT BASINS</td></tr></tbody></table>				SIGNATURE	COMPANY NAME & ADDRESS	RESPONSIBLE FOR:	SIGNATURE: _____ NAME: _____ DATE: _____	COMPANY: _____ ADDRESS: _____ PHONE: ( ) - _____	GENERAL CONTRACTOR	SIGNATURE: _____ NAME: _____ DATE: _____	COMPANY: _____ ADDRESS: _____ PHONE: ( ) - _____	TEMPORARY AND PERMANENT STABILIZATION	SIGNATURE: _____ NAME: _____ DATE: _____	COMPANY: _____ ADDRESS: _____ PHONE: ( ) - _____	STABILIZED CONSTRUCTION ENTRANCE, EARTH BERMS AND SEDIMENT BASINS
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SIGNATURE: _____ NAME: _____ DATE: _____	COMPANY: _____ ADDRESS: _____ PHONE: ( ) - _____	STABILIZED CONSTRUCTION ENTRANCE, EARTH BERMS AND SEDIMENT BASINS																																					
SIGNATURE: _____ OWNER				NOT VALID FOR CONSTRUCTION UNLESS SIGNED AND SEALED IN THIS BLOCK  APPROVED BY KENNETH J. LEEMING P.E. # 45294  DATE				JOB NUMBER: 2006122 DATE: 03-16-09 DESIGNED: V.D.L. DRAWN: I.E.C. CHECKED: K.J.L.  C-9																															



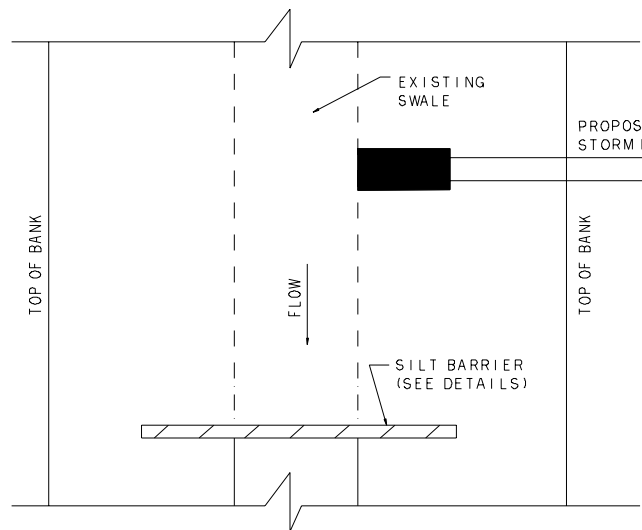
- NOTES FOR SILT FENCES:
1. Type I I I Silt Fence to be used at most locations. Where used in ditches, the spacing for Type I I I Silt Fence shall be in accordance with Chart I .
  2. Type I V Silt Fence to be used where large sediment loads are anticipated. Suggested use is where fill slope is 1:2 or steeper and length of slope exceeds 25 feet. Avoid use where the detained water may back into travel lanes or off the right of way.
  3. Do not construct silt fences across permanent flowing watercourses. Silt fences are to be at upland locations and turbidity barriers used at permanent bodies of water.
  4. Where used as slope protection, silt fence is to be constructed on 0% longitudinal grade to avoid channelizing runoff along the length of the fence.
  5. Silt fence to be paid for under the contract unit price for Staked Silt Fence, I, L, F., J.



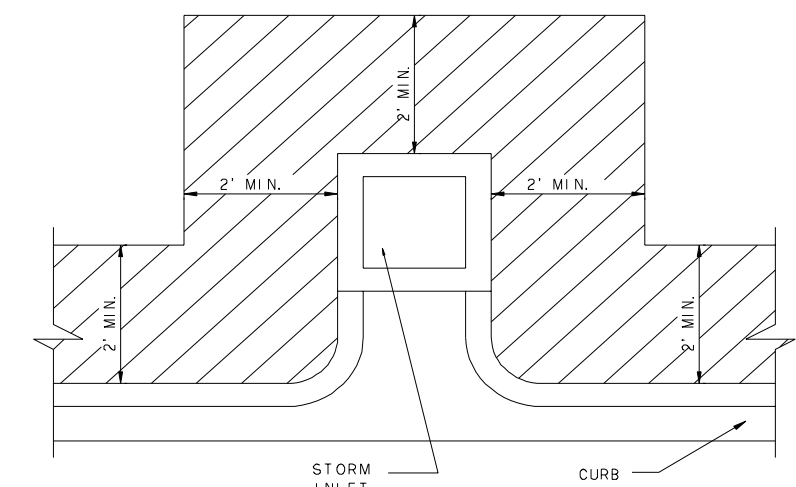
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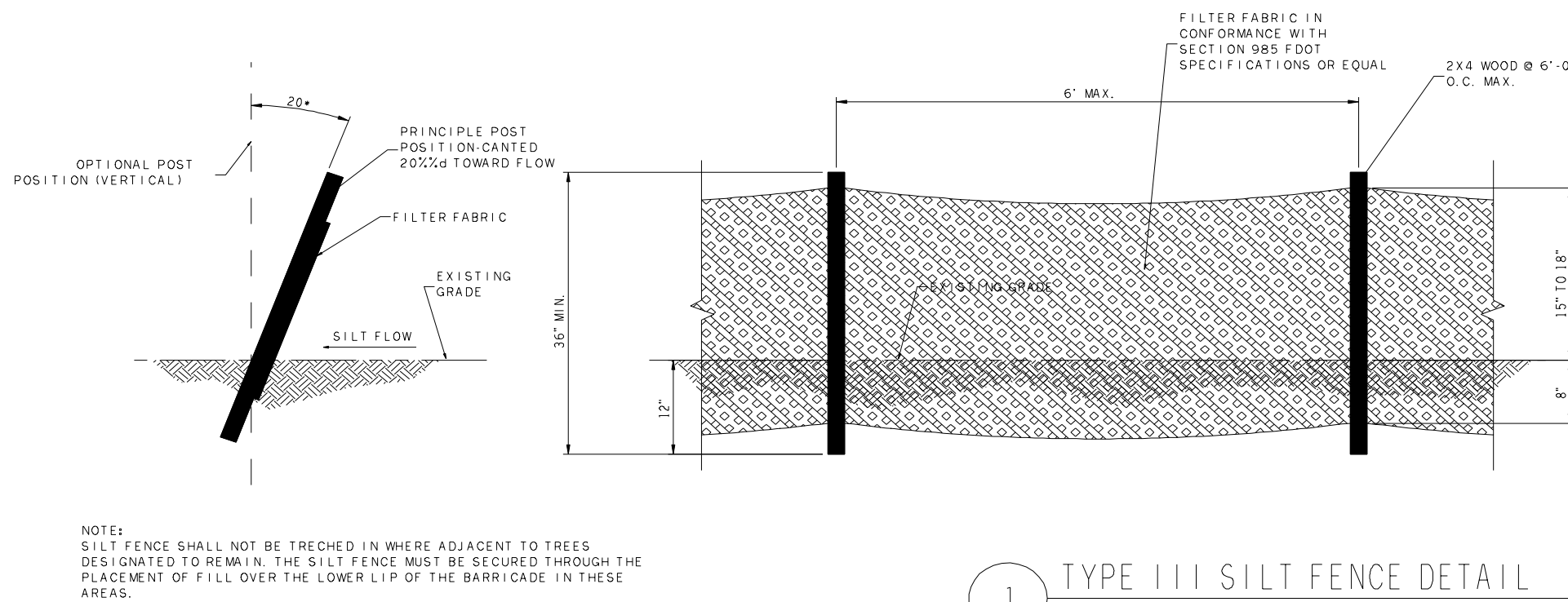
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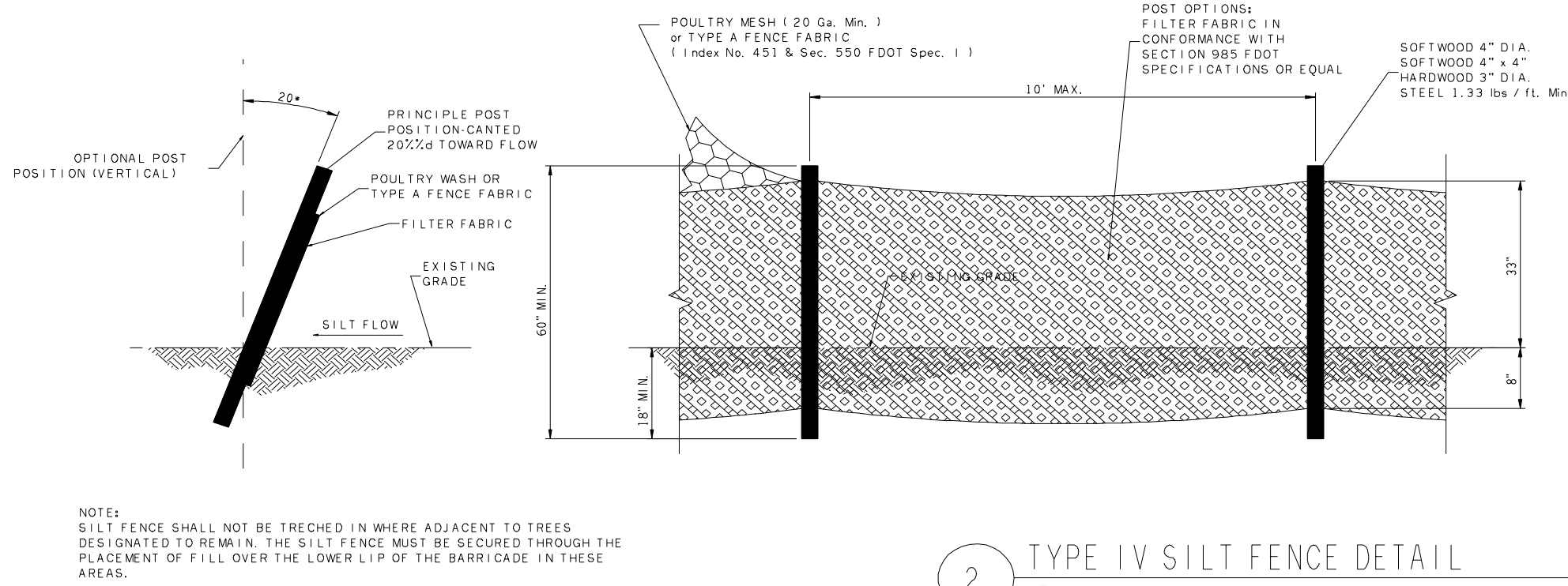
C SILT BARRIER APPLICATION AT SWALE STORM PIPE  
NTS



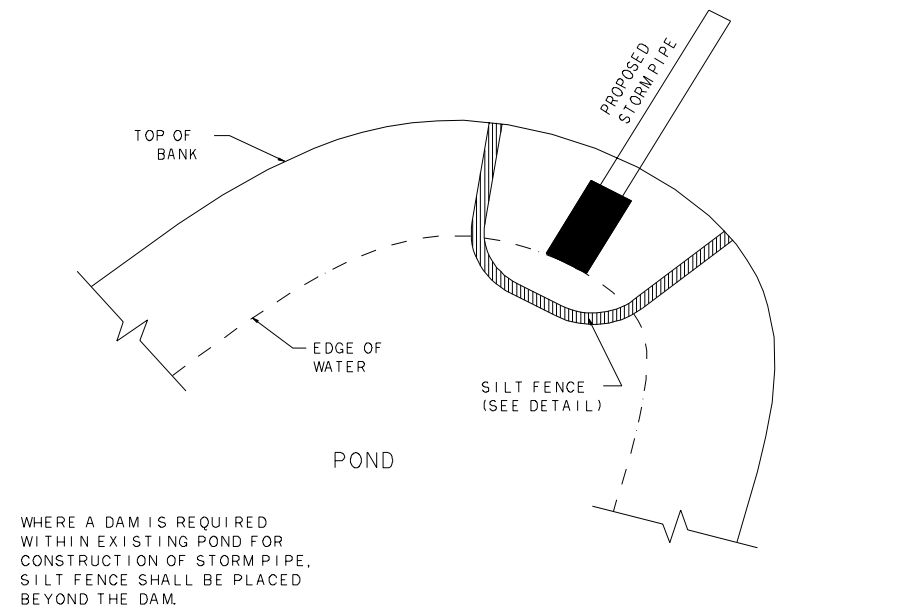
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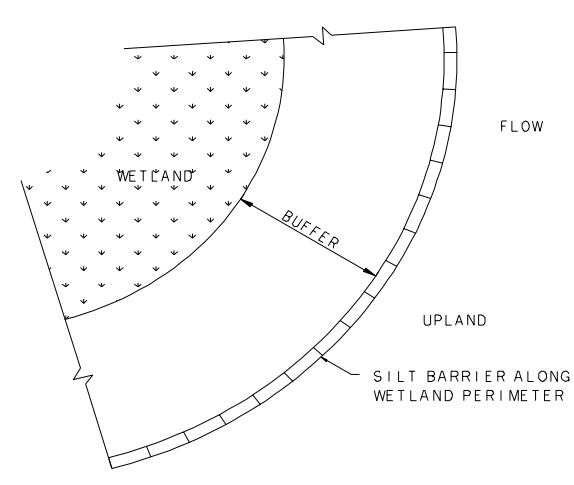
1 TYPE I I I SILT FENCE DETAIL  
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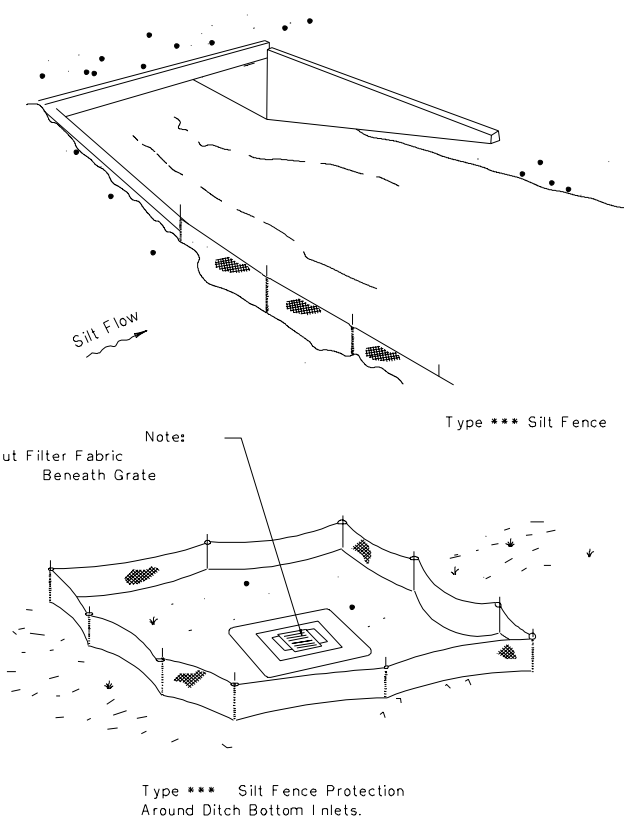
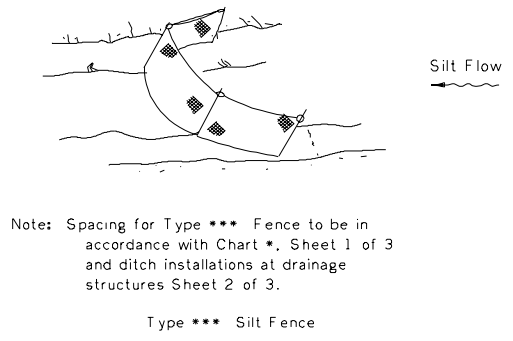
2 TYPE I V SILT FENCE DETAIL  
NTS



B SILT BARRIER APPLICATION AT POND STORM PIPE  
NTS

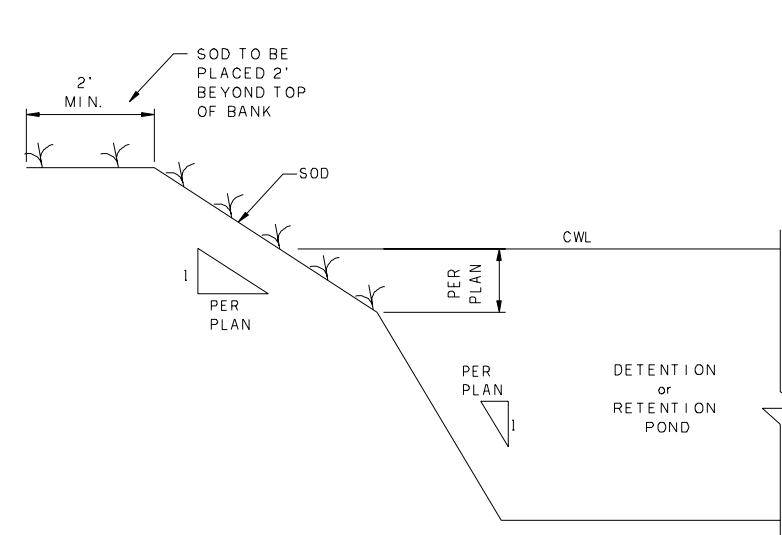


D WETLAND SILT BARRIER  
NTS



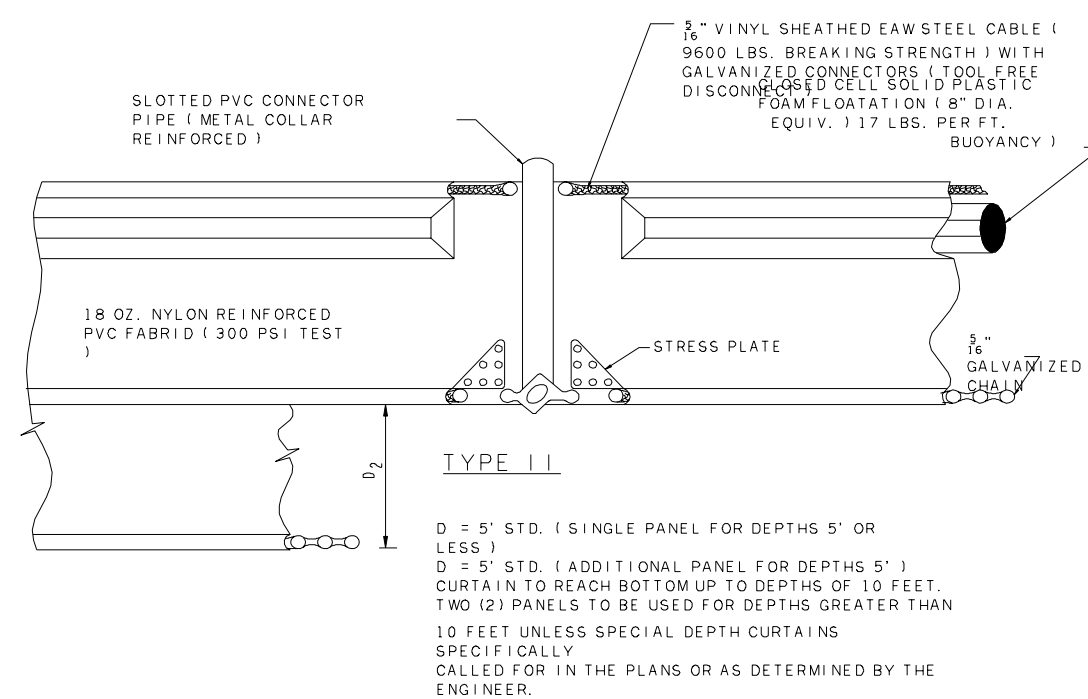
Do not deploy in a manner that silt fences will act as a dam across permanent flowing watercourses. Silt fences are to be used at upland locations and turbidity barriers used at permanent bodies of water.

NTS TYPICAL SILT FENCE APPLICATIONS



NTS TYPICAL POND SECTION

- NOTES FOR BALED HAY OR STRAW BARRIERS
1. Type I and I I Barriers should be spaced in accordance with Chart I .
  2. Hay bales shall be trenched 3" to 4" and anchored with two (2) 1" x 2" (or 1" dia.) x 4" wood stakes. Stakes of other material or space providing equivalent strength may be used if approved by the Engineer. Stakes other than wood shall be removed upon completion of the project.
  3. Rails and posts shall be 2" x 4" wood. Other materials providing equivalent strength may be used if approved by the Engineer.
  4. Adjacent bales shall be butted firmly together. Unavoidable gaps shall be plugged with hay or straw to prevent silt from passing.
  5. Bales to be paid for under the contract unit price for Baled Hay or Straw, EA. The unit price shall include the cost of filter fabric for Type I and I I Barriers. Sand bags shall be paid for under the unit price for Sandbagging, CY. Rock bags to be paid for under the contract unit price for Rock Bags, EA.



D = 5" STD. (SINGLE PANEL FOR DEPTHS 5' OR LESS)  
D = 5" STD. (ADDITIONAL PANEL FOR DEPTHS 5')  
CURTAIN TO REACH BOTTOM TO DEPTHS OF 10 FEET.  
TWO (2) PANELS TO BE USED FOR DEPTHS GREATER THAN 10 FEET UNLESS SPECIAL DEPTH CURTAIN SPECIFICALLY CALLED FOR IN THE PLANS OR AS DETERMINED BY THE ENGINEER

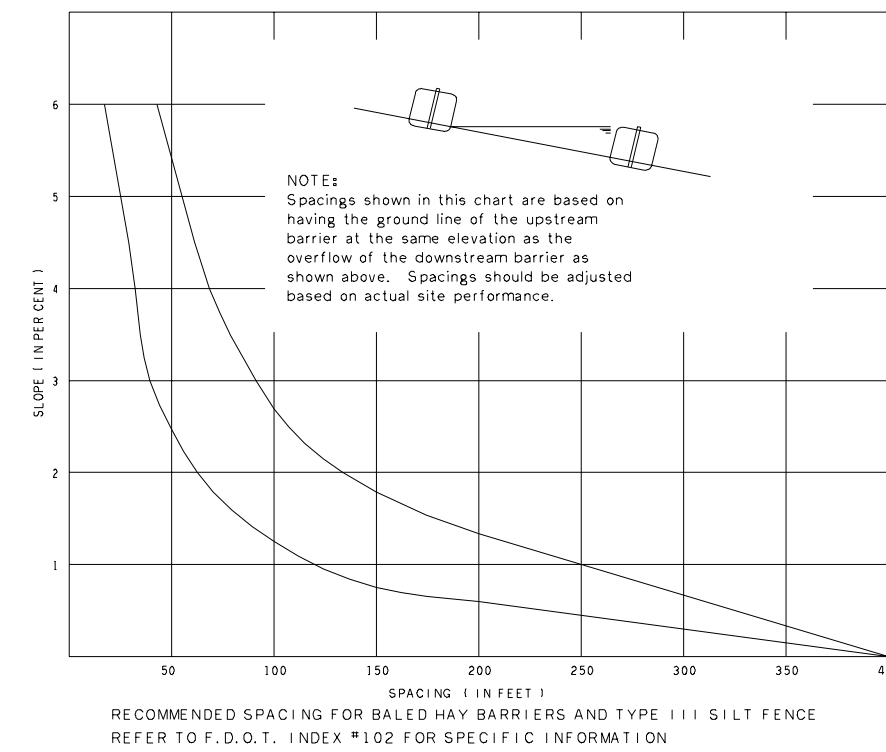
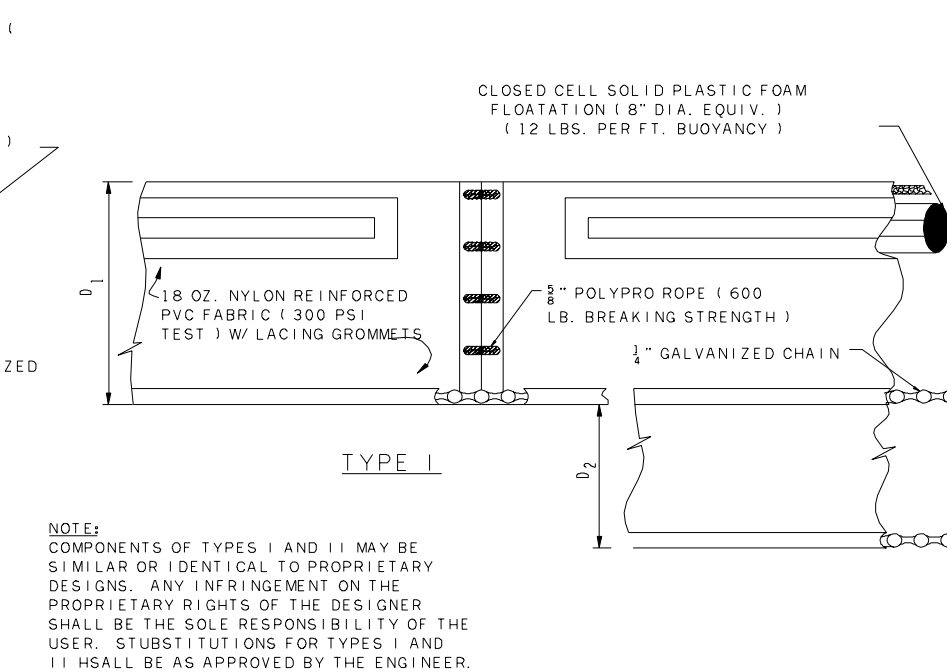
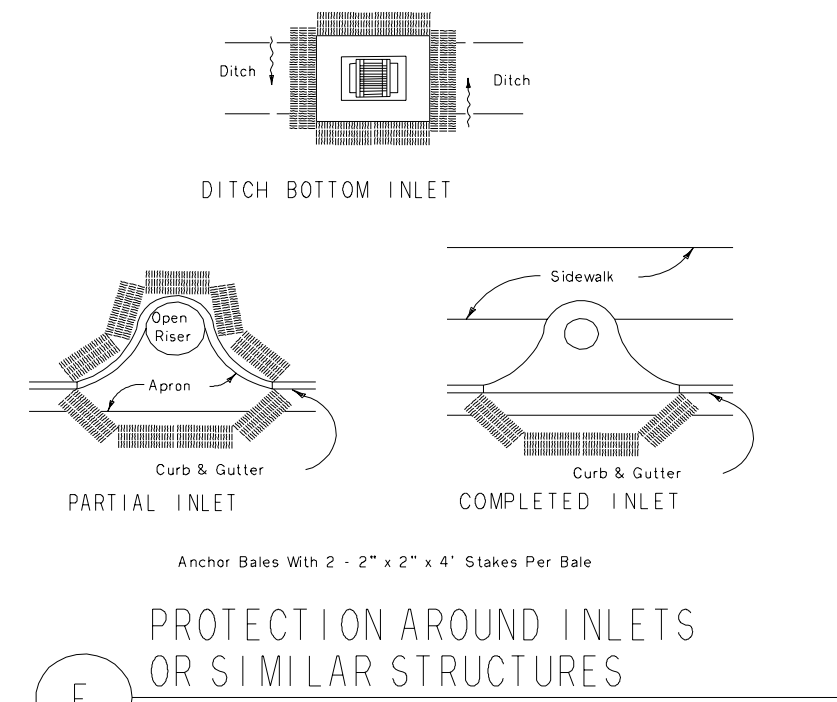


CHART I  
RECOMMENDED SPACING FOR BALED HAY BARRIERS AND TYPE I I I SILT FENCE  
REFER TO F.D.O.T. INDEX #102 FOR SPECIFIC INFORMATION

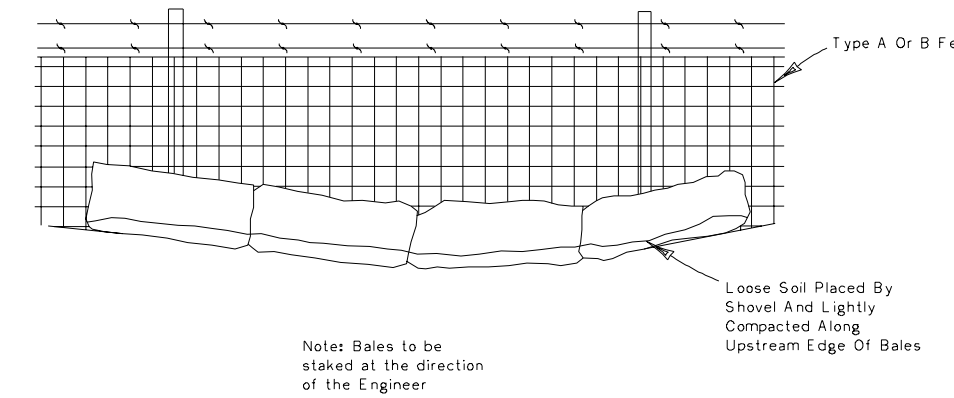


NOTE:  
COMPONENTS OF TYPES I AND I I MAY BE SIMILAR OR IDENTICAL TO PROPRIETARY DESIGNS. ANY INFIRMITY ON THE PROPRIETARY RIGHTS OF THE DESIGNER SHALL BE THE SOLE RESPONSIBILITY OF THE USER. SUBSTITUTIONS FOR TYPES I AND I I SHALL BE AS APPROVED BY THE ENGINEER

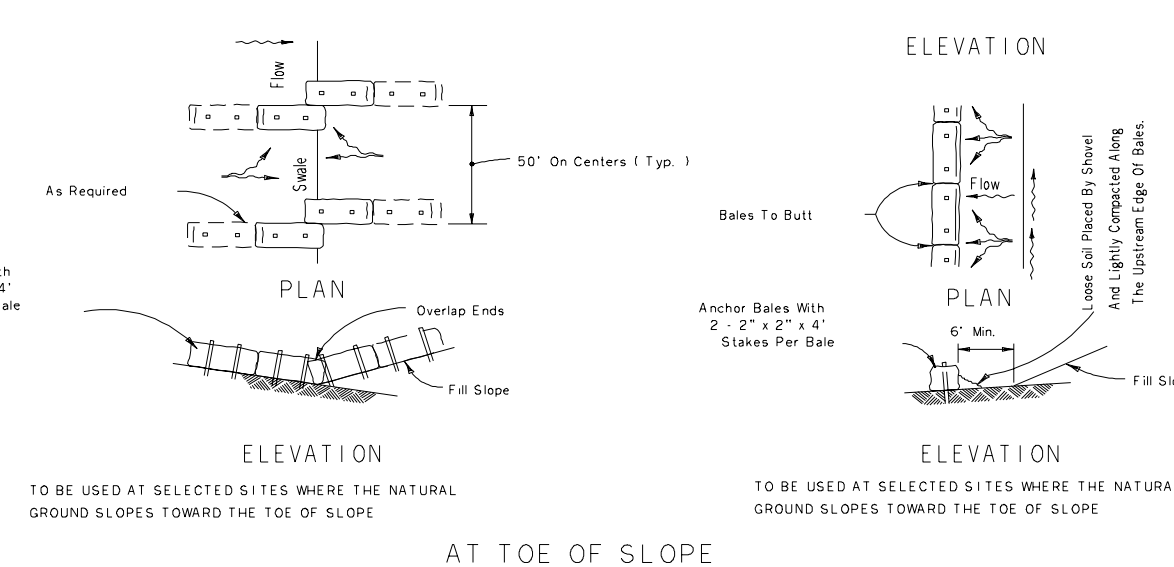
3 FLOATING TURBIDITY BARRIERS  
NTS



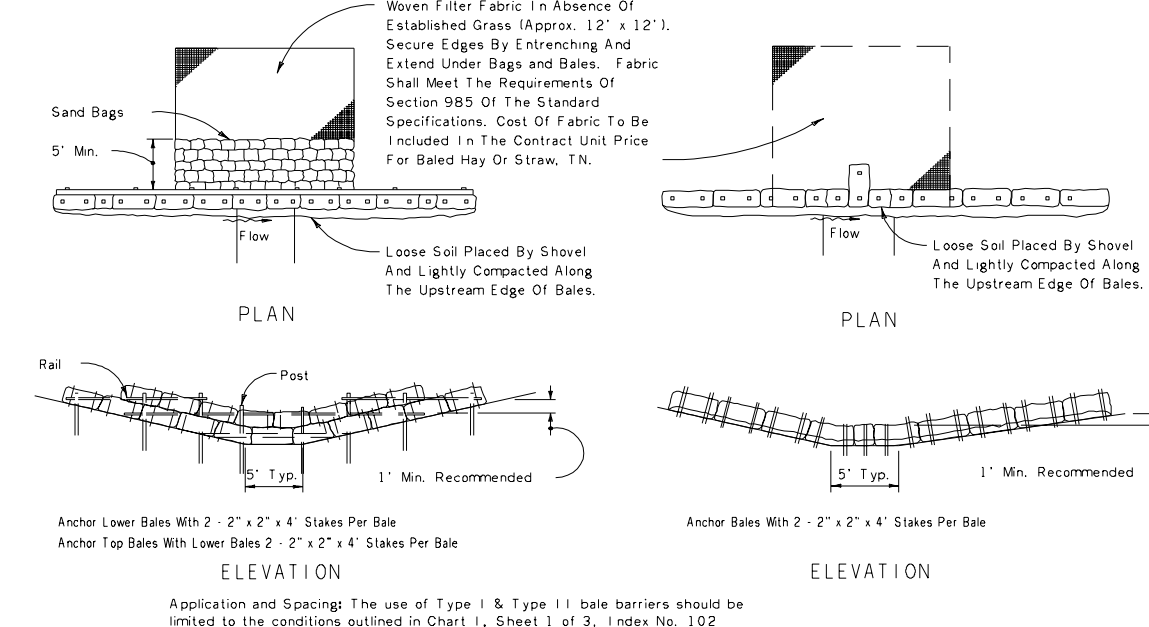
F PROTECTION AROUND INLETS OR SIMILAR STRUCTURES  
NTS



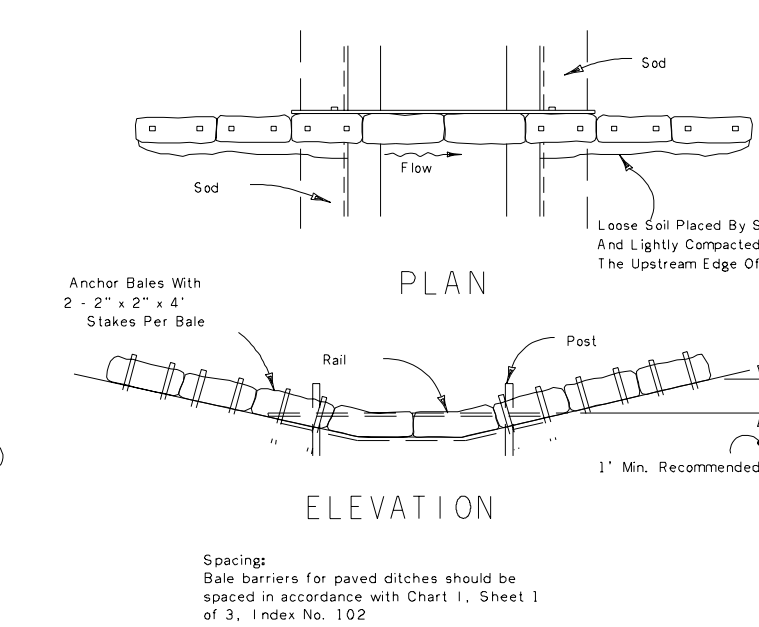
G BALES BACKED BY FENCE  
NTS



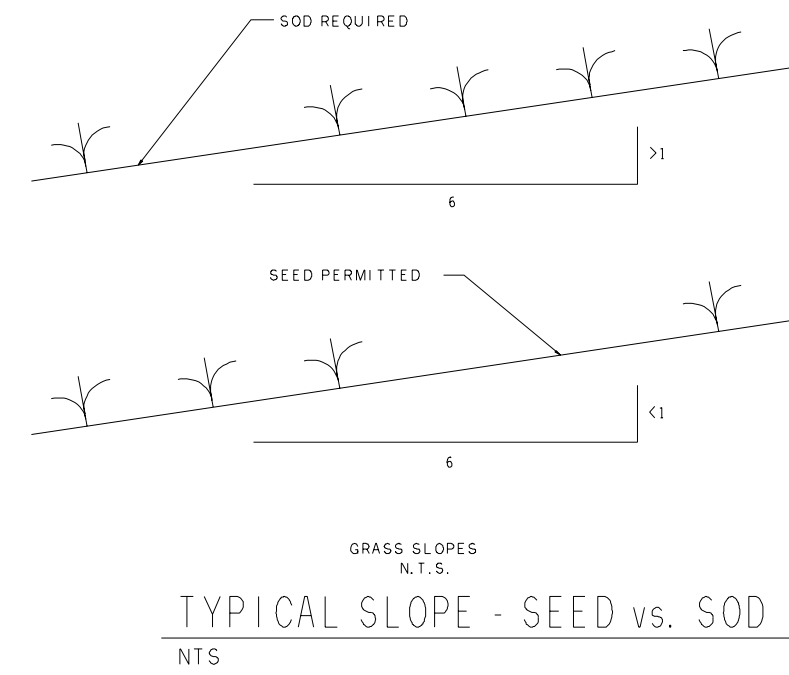
K BARRIERS FOR FILL SLOPES  
NTS



H BARRIER FOR UNPAVED DITCHES  
NTS



J BARRIER FOR PAVED DITCH  
NTS



NTS TYPICAL SLOPE - SEED vs. SOD

REVISIONS			
NO.	DATE	COMMENT	APPROVED BY

INTERNATIONAL  
ENGINEERING  
CONSULTANTS, INC.

• LAND DEVELOPMENT  
• HIGHWAY DESIGN  
• DRAINAGE DESIGN  
• CONSTRUCTION ADMINISTRATION  
• ENVIRONMENTAL PERMITTING

4787 NEW BROAD ST.  
ORLANDO, FLORIDA 32814  
PHONE AND FAX 407-245-7383  
I.E.C. CERTIFICATE OF AUTHORIZATION #7494

PREPARED FOR:

Mr. Jorge Perez, General Manager  
ALPE Propethes, LLC  
11640 Boggy Creek Road  
Orlando, FL 32824

WILDWOOD WAREHOUSE COMPLEX  
CONST. SURFACE WATER MANAGEMENT PLAN  
SHEET 2 OF 2  
SUMTER COUNTY  
FLORIDA

NOT VALID FOR CONSTRUCTION UNLESS  
SIGNED AND SEALED IN THIS BLOCK

APPROVED BY  
KENNETH J. LEEMING P.E. # 45294

DATE

JOB NUMBER: 2006122  
DATE: 03-16-09  
DESIGNED: V.D.L.  
DRAWN: I.E.C.  
CHECKED: K.J.L.  
C-10